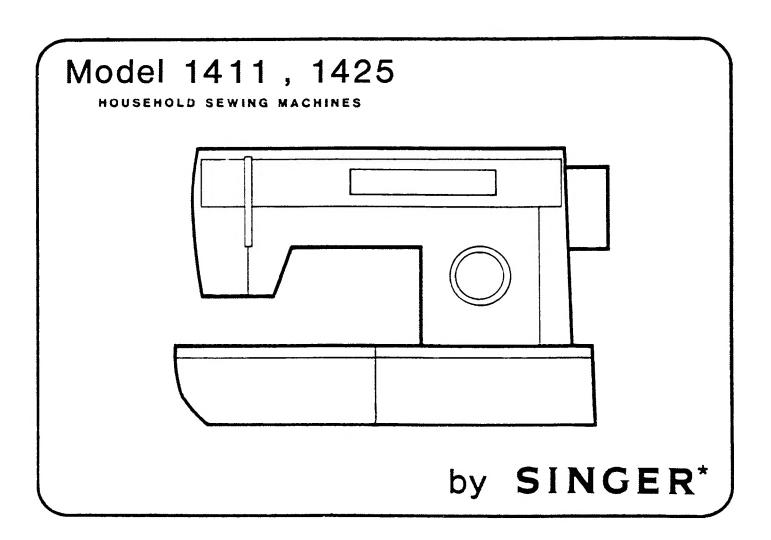
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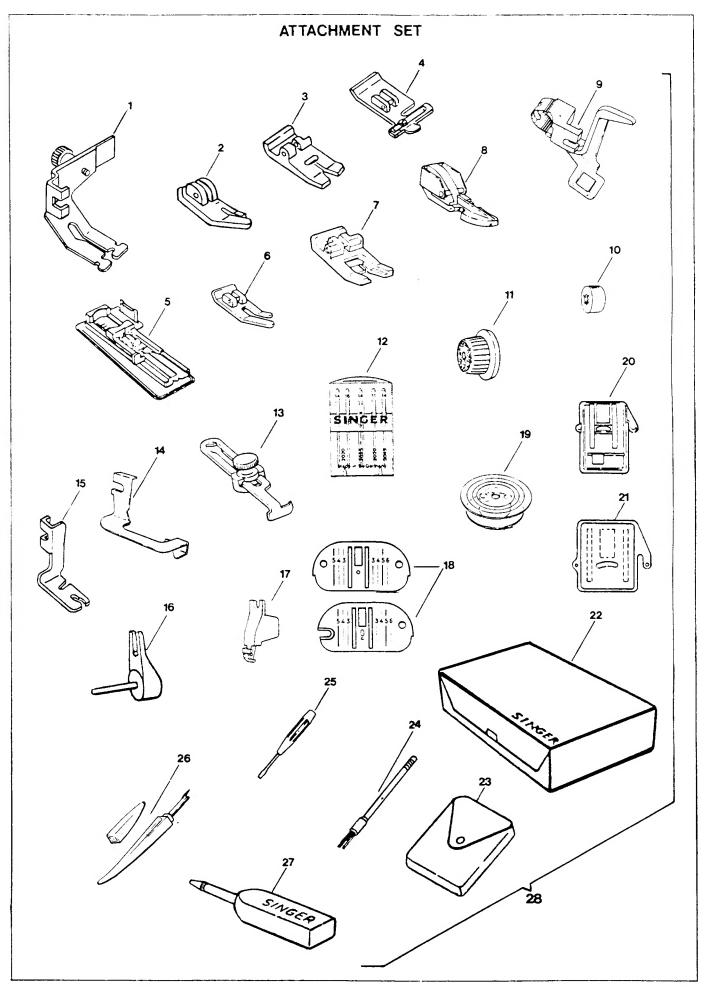
LIST OF PARTS



CONTENTS

PAGE NO.	SUBASSEMBLY
1 , 2 3 - 6 7 , 8 9 , 10 11 , 12 13 , 14 15 - 18 19 - 24 25 - 28 29 - 32 33 - 36 37 , 38	ATTACHMENT SET COVERS AND ADD ONS HOOK AREA TENSION MODULE NEEDLE BAR DRIVE AND HANDWHEEL FEED CONTROL MECHANISM FEED MECHANISM HEAD END MODULE DISC CAM STACK AND CAM FEED CAM RELEASE MECHANISM DISC CAM SELECTION ELECTRICAL EQUIPMENT

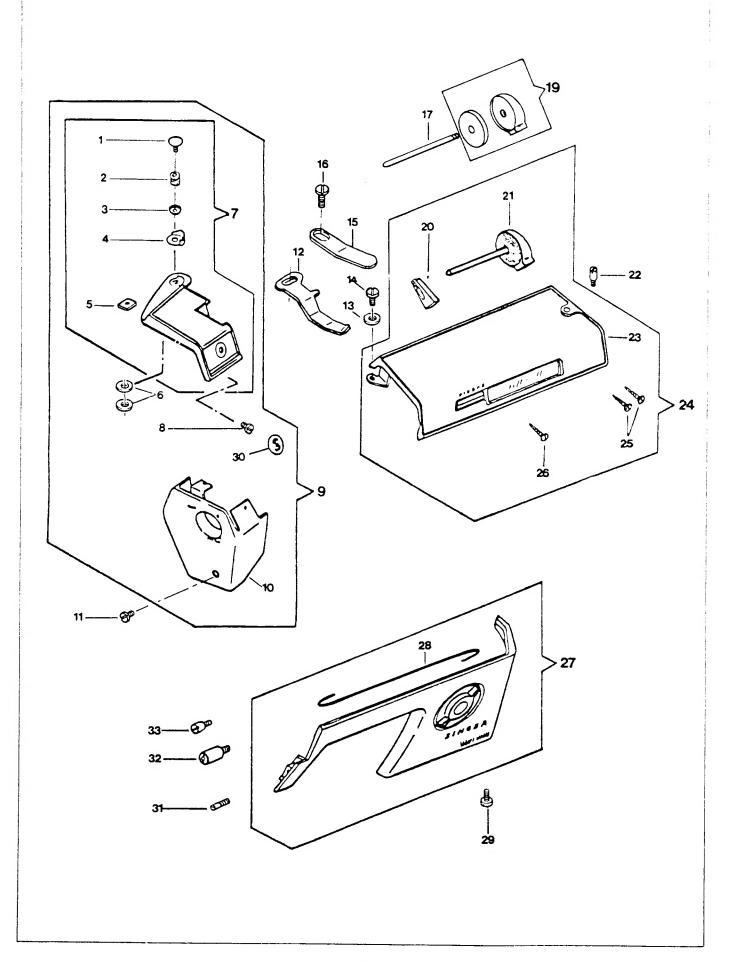
NOTE: WHEN ORDERING REPLACEMENT PARTS PLEASE REFER TO YOUR MACHINES MODEL NUMBER.

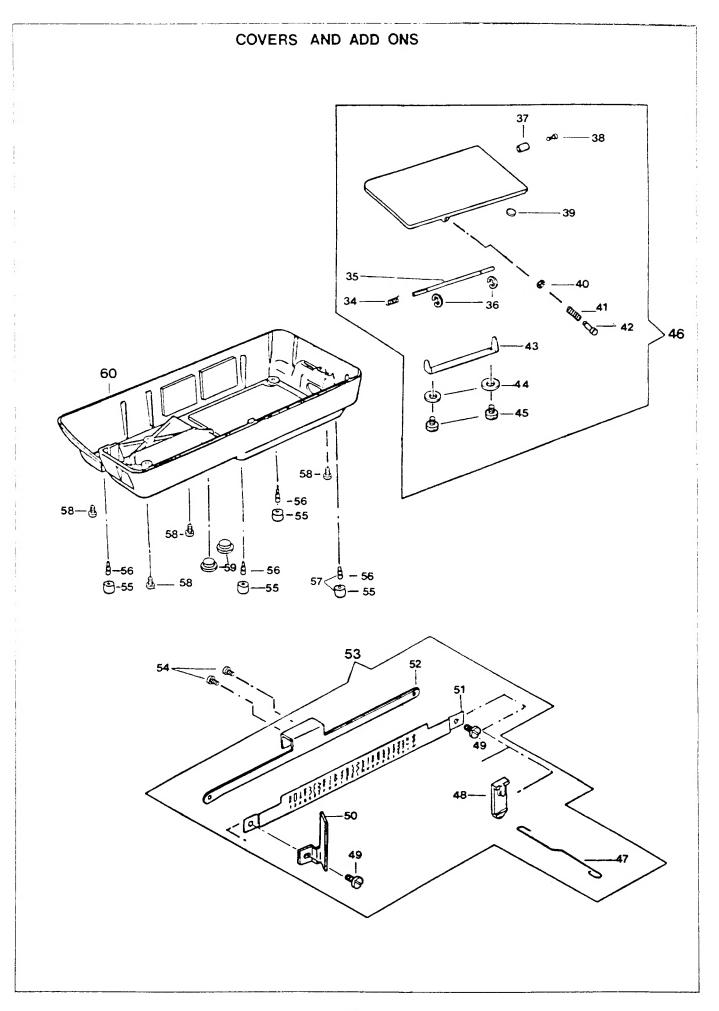


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REF.	I PART #		G G U U N N
	I BILL I	I I I I I I I I I I I I I I I I I I I	1 1 1 1 1 1
1	1540275	lZipper Foot	
		Straight Stitch Presser Foot Plate Complete	
		Presser Ft. Plate (snap-on) for Buttonhl. Stitching Comp	
		Shirring Presser Foot Plate (snap-on) Complete	I I XIXI I
		Buttonhole Presser Foot (1 step) Complete	X X
		Buttonhole Presser Foot (1 step) Complete	
		Buttonhole Presser Foot (1 step) Complete	
		Straight Stitch Presser Foot Plate Complete	X X
		Straight Stitch Presser Foot Plate Complete	
7			X X X X X X
8		Presser Foot Plate for Cording and Side Fasteners	1 1 1 1 1 1
	1	Complete	IXI IXIXIXIXI
9	 507909	Darning and Embroidery Foot	X
		Arm Top Cover Spool Pin Thread Lead-off (small) Complete	
-10		Arm Top Cover Spool Pin Thread Lead-off (small) Complete	
		Arm Top Cover Spool Pin Thread Lead-off (small) Complete	
11			X1 1
		Arm Top Cover Spool Pin Thread Lead-off Complete	
		Arm Top Cover Spool Pin Thread Lead-off Complete	
12		Needle Pack (plastic)	X X X X X X
		Needle Pack (plastic)	
13		Seam Guide Complète	X X X X X X
		Blindstitch Guide	X
		Hemmer Foot	
		Spool Pin for Twin Needle Sewing	X
		Spool Pin for Twin Needle Sewing	
17		Needle Threader Complete	IXIXI I I I I
		Needle Threader Complete	
18		Throat Plate for Straight Sewing	X
	409287	Throat Plate for Straight Sewing	X X X X X
19	1506417	Rotating Hook Bobbin (plastic) 3X	IXIXIXIXIXIXI
-	1408432	Rotating Hook Bobbin (plastic) 10X	
20	1383685	Feed Cover Plate for Darning	X X X X X X
21		Feed Cover Plate for Darning	
22	543082	Accessory Box	X X
	381310-452	Accessory Box	! X X X X
23	543133	Sewing Kit	
24	501750	Lint 8rush	X X
	546358	Lint 8rush	
25	161977-452	Screwdriver (small)	X X
	161295-001	Screwdriver (small)	
26	503407	Seam Ripper Complete	X X
		Seam Ripper Complete	I I IXIXIXIXI
27		Oil Tube	
28	422186-451	Attachment Set Complete	X
	422539-451	Attachment Set Complete	X
	1		1 1 1 1 1 1

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		10 4 4 4 4 4
		4 2 2 1 2 1
		10 5 5 1 5 1
REF.	PART # COVERS AND ADD ONS	G G U U N N
	1400427	
	408623 Pre-Tension Cao 408624 Pre-Tension Soring	
	408625 Pre-Tension Disc	X X X X X X
	408626 Pre-Tension Thread Guide	X X X X X X
	541162 Pre-Tension Cap Stop Plate	X X X X X X
	543812-002 Face Plate (upper) Set Washer (2)	X
	409517 Face Plate (upper) Complete	X
	409657-451 Face Plate (upper) Complete	X X
	409557-451 Face Plate (upper) Complete	
	409657-452 Face Plate (upper) Complete	
8	549357 Face Plate (upper) Set Screw	X X X X X X
9	422184-451 Face Plate Complete	[X] []] [
	422536-451 Face Plate Complete	X
	409656-451 Face Plate Complete	X X
	409656-452 Face Plate Complete	
	408621-452 Face Plate (lower) Complete	
	544134-453 Face Plate Set Screw	X X X X X X
	409700 Arm Top Cover Support Bracket	
	547670 Arm Top Cover Set Screw Washer (front)	
	544212-002 Arm Top Cover Set Screw (front)	
	409701 Arm Front Cover Supporting Plate 544199 Arm Front Cover Supporting Plate Set Screw	
	542412-455 Arm Top Cover Social Pin	x x x
	542412-456 Arm Top Cover Spool Pin	
	542412-451 Arm Top Cover Spool Pin	X
19	408469-454 Arm Top Cover Spool Pin Holder Complete	
	408469-455 Arm Top Cover Spool Pin Holder Complete	
	408469-451 Arm Top Cover Spool Pin Holder Complete	X 1
20	408096-451 Arm Top Cover Thread Guide (plastic)	X
	408096-454 Arm Top Cover Thread Guide (plastic)	
	408096-455 Arm Top Cover Thread Guide (plastic)	
21	408097-451 Arm Top Cover Spool Pin with Holder and Cushion	X
	408097-454 Arm Top Cover Socol Pin with Holder and Cushion	
- 33	408097-455 Arm Top Cover Spool Pin with Holder and Cushion	
	544180 Arm Top Cover Set Screw (back) 544316 Arm Top Cover Set Screw (back)	
23	409510=003 Arm Top Cover with Stabilizer	
	409651-451 Arm Top Cover with Window	X1
24	409508-003 Arm Too Cover Complete	X
	409650 Arm Top Cover Complete	X X X
	409671 Arm Top Cover Complete	
	409672-451 Arm Top Cover Complete with Graphics	
25	544075 Arm Top Cover Socol Pin Holder Set Screw (2)	
26	544075 Arm Top Cover Thread Guide (plastic) Screw	[X X X X X X
27	422178-451 Arm Front Cover Complete	X
	422534-451 Arm Front Cover Complete	X
	409609-451 Arm Front Cover Complete	
	408598-455 Arm Front Cover Complete	
	409617 Disc Follower Releasing Lever Connection	X X X X X X X X X X
	544074 Arm Front Cover Screw (right)	
<u></u>	408019-900 Trade Mark 044806-900 Trade Mark	
31	544140 Arm Front Cover Screw (left)	IXIXIXIXIXI
		[X[X]X[X]X]X[X]
33		X X X X X X X

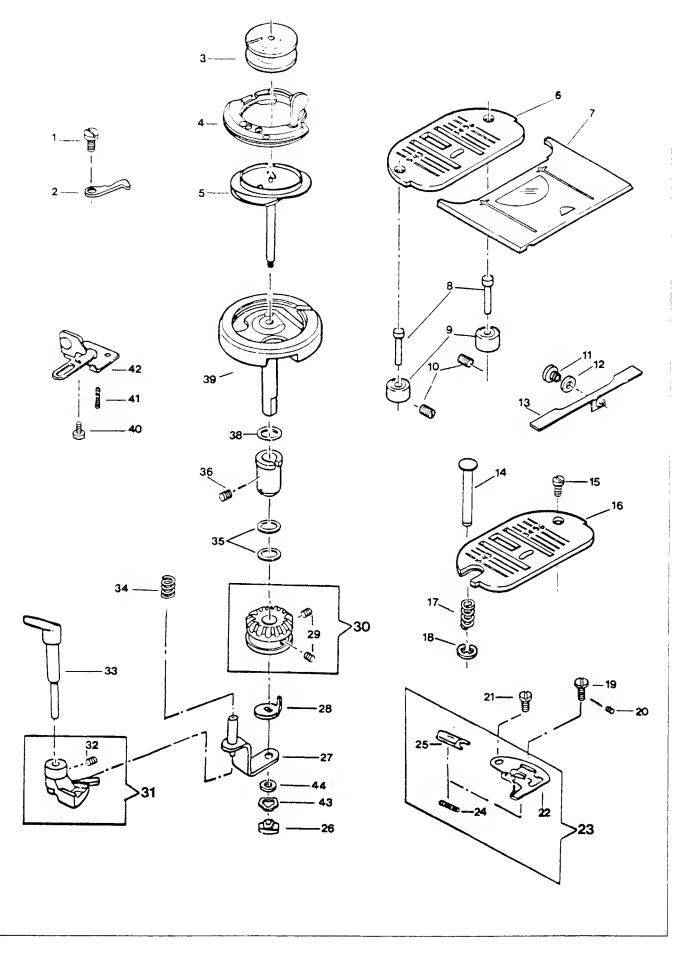
COVERS AND ADD ONS

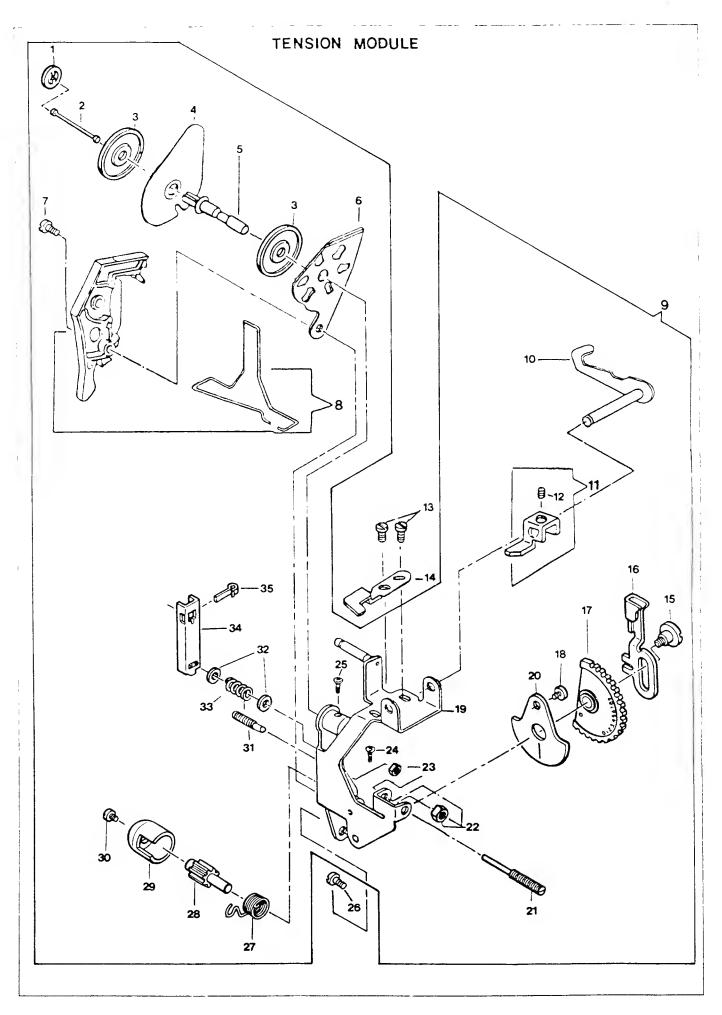




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REF.	PART # COVERS AND ADD ONS (CONTINUATION)	IGIGIUIUININI
1(4)	TANT IF LEGICIAS TASS SEE CONTROL TO A SECOND TO A SEC	1 1 1
34	381876 Bed Lid Hinge Bracket Spring	[X X X X X X]
	408916 Bed Lid Hinge Pin	X
	408030 Bed Lid Hinge Retaining Ring (2)	
	507343 Bed Lid Hinge Retaining Ring (2)	
37	408684	X X X X X X
	381878 Sed Lid Positioning Sutton	
39	619491-002 8ed Lid Rubber Cushion	[X X X X X X
	546623 Bed Lid Latch Retaining Ring	
	507309 Red Lid Latch Retaining Ring	[X X
41	381877	X X X X X X
	381874-451 8ed Lid Latch	[X X X X X X]
	408266 8ed Lid Hinge Bracket	[X[X]X X X]X]
44	408098 8ed Lid Hinge Bracket Fastening Screw Washer (2)	IXIXIXIXIXIXI
45	544078 8ed Lid Hinge Bracket Fastening Screw (2)	X
46	422187-451 Bed Lid Complete	[x]x1
	408631-002 Bed Lid Complete	
	408631-452 Bed Lid Complete	! X X
47	409562 Disc Selector Pattern Indicator Actuating Wire	[X[X[X] X]X[
48	409563 Disc Selector Pattern Indicator	X
	409670 Disc Selector Pattern Indicator	[X X X X
49	549301 Stitch Pattern Index Panel Screw (2)	
50	409702 Stitch Pattern Index Panel Shield	X X
51	409559 Stitch Pattern Index Panel	[X] I
52	409560 Stitch Pattern Index Panel Bracket	[X[X]X]
53	409558 Stitch Pattern Index Panel Complete	X
	409668 Stitch Pattern Index Panel Complete	
54		[X[X] X] X[X]
55	381899 Bed Cover Cushion (4)	X
	148509-452 Bed Cover Cushion	x x x x x
	544087 Bed Cover Cushion Screw (4)	X
	422177 Bed Cover Cushion Comolete (4)	[X]
_58	544078 Bed Cover Fastening Screw (3)	IXI XXXXXXX
	544078 Bed Cover Fastening Screw (4)	1 X
	383529-451 Bed Cover Hole Gap	X X X X X
_60	408026 8ed Cover Complete	X
	409598 8ed Cover Complete	
	422548-451 Bed Cover Complete	X
	1	
		1

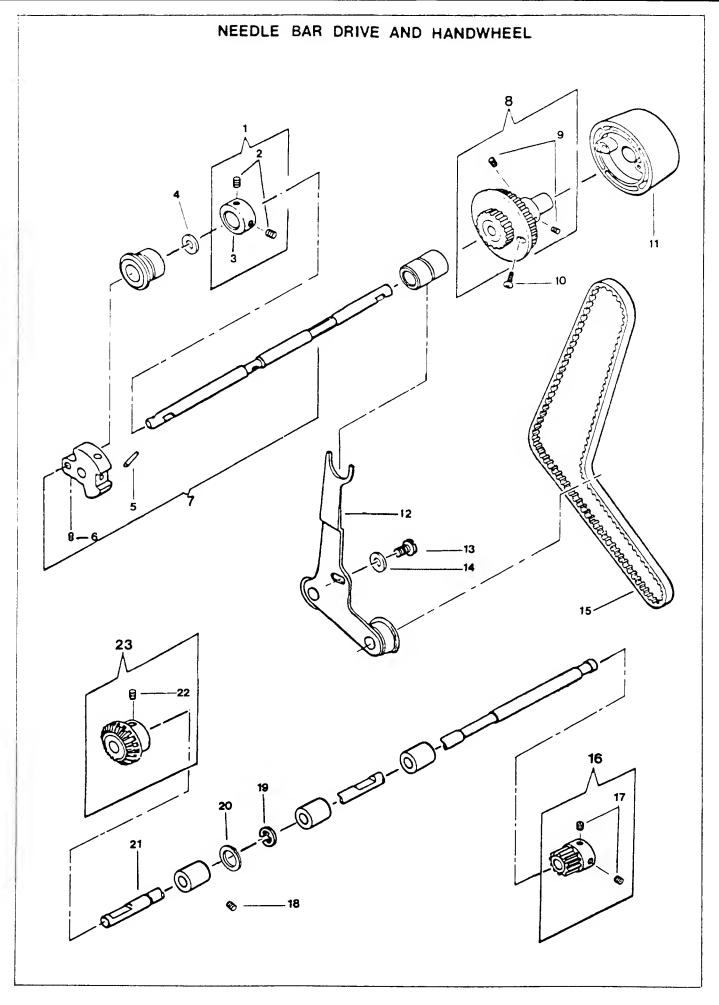
11/1/11/11/11/11 1411 1425 PARTS LIST 014141414141 [412121112111 1015151115111 REF.: PART # 'HOOK AREA 'GIGIUTUININI 1544115 Rotating Hook Bobbin Case Position Finger Set Screw XIXIXIXIXIXI 153022 Rotating Hook Bobbin Case Position Finger X:X:X:XIXIXIXI 506417 Rotating Hook Boboin Complete XIXIXIXIXIXI ' X I X I 408432 Rotating Hook Bobbin Complete 163131 Rotatine Hook Boboin Complete XIXI Rotating Hook Bobbin Case Complete 408435 XIXIXIXIXIXI 163246 XIXIXIXIXIX Rotating Hook Boobin Driver Complete 5 409693 Throat Plate for mig-zag stateming) XI TELL 408034 Bed Slide with Window plastic; XIXIXIXIXIX 8 1174256 Throat Plate Catch Pin-| X | | | | | | X | | | | | 507196 Throat Plate Securing Magnet (2) | X | | | | | | | | 10 | 549358 Throat Plate Catch Pin Screw (left) Throat Plate Catch Pin Screw (right) 544080 XIXIXIXIXIXI Bea Slide Sarina Screw 2 408098 XIXIXIXIXIX Beo Slice Soring Screw Washer 13 408035 Bed Slide Sorino XIXIXIXIXIXI 14 409285 Throat Plate Pluncer | XIXIXIXIXI Throat Plate Guide Screw 15 | 544318 1 1 1 1X1X1 Throst Plate Guide Pin 409699 XIXIXI 16 409286 Throat Plate (for 210-280 stitching) |X|X|X|X|X|X| 1540104 Throat Plate Plumoer Soring IXIXIXIXIXI 8 549886 Throat Plate Plunger Snag Ring EXIXIXIXIX 1.1.1.1 9 408449 Rotating Hook Bobbin Case Cushion Soring Bracket Stud XIXIXIXIXIXI Eccentric 20 | 544118 Rotating Hook Bobbin Came Cumnion Soring Bracket Stud 1 1 1 1 1 1 1 Eccentric Set Screw XIXIXIXIXIXI 21 | 544117 Rotating Hook Scottn Case Cushion Scring Bracket Hinge 1 1 1 1 1 1 : X | X | X | X | X | X | X | 22 | 408448 Rotating Hook Bobbin Came Cumnion Soring Bracket 111111 Complete IXIXIXIXIXIXI 24 | 408450 Rotating Hook Bopbin Case Cushion Spring Bracket Lock 4 1 1 1 1 Slide Sarina XIXIXIXIXIXIXI Rotating Hook Bobbin Came Cumnion Soring Bracket 1408453 Complete ! x ! x | x | x | x ! x ! x | 25 | 408451 Rotating Hook Bobbin Case Cushion Soring Bracket Lock ! | | | | 1 | 1 IXI XIXIXIXI Slide 26 | 163384 Rotating Hook Sobbin Driver Locator Nut IXI XIXIXIXI |514747-451|Rotating Hook Bobbin Driver Locator Nut IXIXI : XI - | XI X | X | X | X | 27 1408443 Rotating Hook Sobbin Winder Lifting Bracket Complete Rotating Hook Sopbin Driver Locator 28 1408560 IXIXIXIXIXIXI 1544207-0021Rotating Hook Bevel Gear Set Screw IXIXIXIXIXIXI 30 | 408907 Rotating Hook Bevel Gear Complete 1 X 1 X 1 X 1 X 1 X 1 X 1 Rotating Hook Bobbin Winder Actuating Lever Shaft Cam 31 | 408440 | Complete 32 | 549293 111111 Rotating Hook Bobbin Winder Actuating Lever Shaft Cam IXIXIXIXIXI 1 | Set Screw 33 1408438 Rotating Hook Bobbin Winder Actuating Lever Shaft Cam 1 1 1 1 1 1 1 | Complete IXIXIXIXIXIXI 34 1408588 Rotating Hook Bobbin Winder Actuating Lever Shaft Cam Follower Soring IXIXIXIXIXIXI |Rotating Hook Sevel Gear Thrust Washer (2) 35 | 543598 I I IXIXIXIXI XIXI | | 1 | 1422400 Rotatino Hook Bevel Gear Thrust Washer IXIXIXIXIXIXI 36 | 549366 Rotatino Hook Shaft Suaning (eccentric) Set Screw 38 | 543598 (Rotating Hook Shaft Buaning (eccentric) Thrust Washer | X | X | | | | | | | Rotating Hook Shaft Suaning (eecentric) Thrust Washar 1506164 XXXXXXXXXX 39 | 163289 Rotatino Hook IXIXIXIXIXIXI Thread Pull-off Finger Bracket Screw 40 | 545073 IXIXIXIXIXIXI 41 | 153039 Threso Pull-off Fincer Soring |X|X|X|X|X|X Thread Pull-off Finger Complete 42 | 153036 Rotating Hook Bobbin Driver Locator Nut Soring Washer 1x1x1 | | 1 | 1 43 1422523 44 1422522 Rotating Hook Bobbin Driver Locator Nut Washer

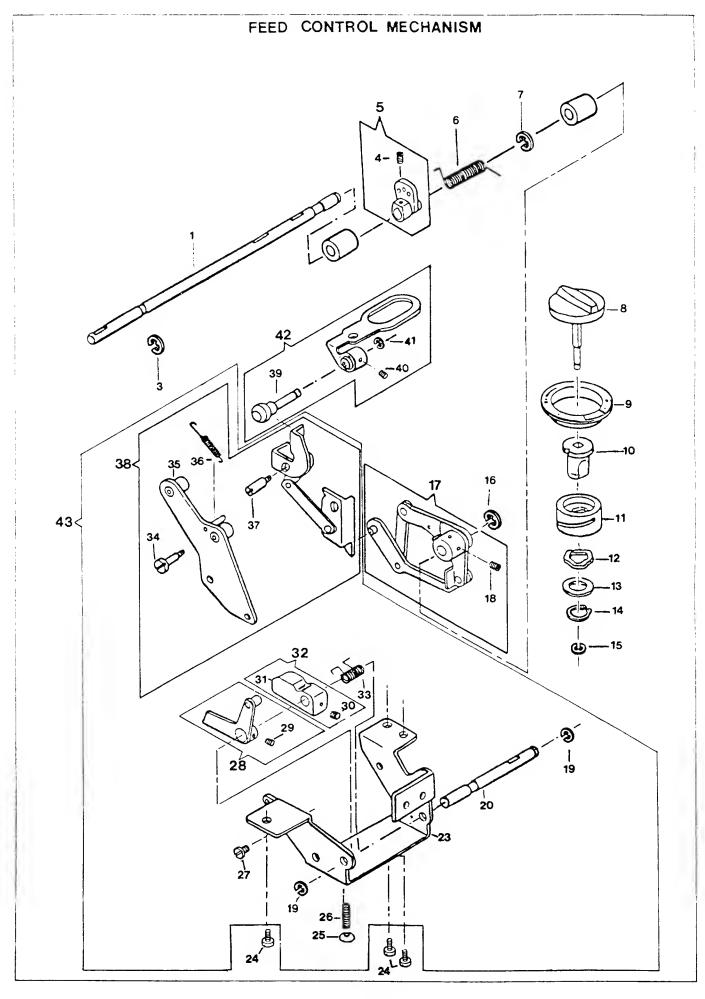




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REF.	PART # TENSION MODULE	IGIGIU UININI
IXE.	1 CACL II PERCOSCI	1
1	174398 Tension Disc Pressure Plate	IXIXIXIXIXIXI
	181857 Tension Disc Pressure Pin	IXIXIXIXIXIXI
	382586	X X X X X X X
	408415 Tension Disc (large)	[X[X]X[X]X[X]X]
	503270 Tension Stud	
	408416 Tension Thread Guard	1 X X X X X X X
		X X X X X X X
	408424-451 Thread Take-up Spring Thread Guard Complete	[X] [] [] [
	408424-452 Thread Take-up Spring Thread Guard Complete	X X X
	408424-453 Thread Take-up Spring Thread Guard Complete	
	408410-451 Tension Complete	X X
	408410-452 Tension Complete	
	408410-453 Tension Complete	
10	408815 Tension Release Actuating Lever Complete	X X X X X X X
11	408813 Tension Releasing Lever Complete	[X X X X X X
12	544203-007 Tension Releasing Lever Screw	X X X X X X X
13		X
14	1408552 Tension Regulating Slide Plate Supporting Plate	X
15	544132 Tension Indicator Dial Hinge Screw	X
16	181854 Tension Regulating Slide	X
17	181848-452 Tension Indicator Dial (graphics)	X
18	544225-001 Tension Indicator Screw	X
19	408412 Tension Mounting Bracket Complete	X X X X X X
20	408920-451 Tension Indicator (plastic)	X X X X X X
21	514653-451 Tension Spring Adjusting Screw	X X X X X X
22	514607 Tension Spring Adjusting Screw Nut	X X X X X X
23	514607 Tension Regulating Slide Positioning Screw Nut	X X X X X X
24	544187 Thread Take-up Spring Stud Set Screw	X X X X X X
25	549360 Tension Stud Set Screw	X X X X X X
26	549357 Tension Mounting Bracket Screw (lower)	X X X X X X
_27	181872 Thread Take-up Spring	
28	408418 Thread Take-up Spring Stud Complete	x x x x x x
29	181861-451 Thread Take-up Spring Cap and Slack Thread Regulator	X X X X X X
30	544004 Thread Take-up Spring Adjusting Screw	X X X X X X
_31	514644_451 Tension Regulating Slide Positioning Screw	X X X X X X
32	172731-452 Tension Soring Adjusting Screw Washer (2)	
	181877 Tension Spring	X X X X X X
34	181855 Tension Regulating Slide Plate	X X X X X X
35	172906 Tension Regulating Slide Plate Spring Clip	X X X X X X

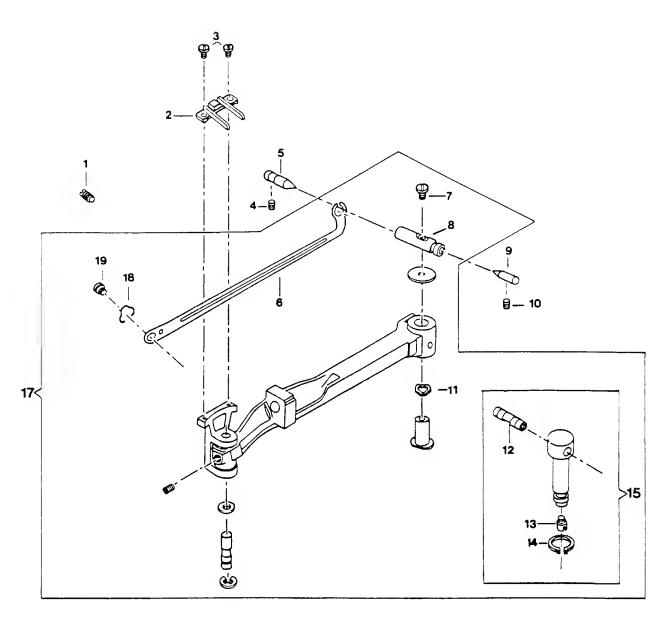
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REF.	. PART # NEEDLE BAR DRIVE AND HANDWHEEL	IGIGIUIUININI
1	408247 Arm Shaft Collar Complete	X X X X X X X
2	544053 Arm Shaft Collar Set Screw (2)	X X X X X X
3	1408246 Arm Shaft Collar	X X X X X X X
	408243 Arm Shaft Collar Thrust Washer	[X X X X X X
	541270 Needle Bar Crank Spring Pin	X X X X X X X
	549361 Needle Bar Crank Shaft Set Screw	X X X X X X
	!408690 Arm Shaft Complete	X X X X X X
	408252 Hand Wheel Pulley Complete	X X X X X X
	544118 Hand Wheel Pulley Set Screw (2)	X X X X X X
	544222-007 Hand Wheel Set Screw	X X X X X X X
	408249-451 Hand Wheel Complete	
	408249-452 Hand Wheel Complete	X X X
	409626 Belt Idler Pulley Bracket Complete	X X X X X X
***************************************	544078 Belt Idler Pulley Bracket Screw	X X X X X X
	408558 Belt Idler Pulley Bracket Screw Washer	X X X X X X X
15	408254 Belt (from Hand Wheel Pulley to Rotating Hook Drive	
16	Shaft Belt Pulley)	X X X X X X X
	408264 Rotating Hook Drive Shaft Belt Pulley Complete	X X X X X X
	544098 Rotating Hook Drive Shaft Belt Pulley Set Screw	X X X X X X
	54935B Rotating Hook Drive Shaft Bushing (left) Set Screw	X X X X X X
	40B274 Rotating Hook Drive Shaft Retaining Ring	
	181957 Rotating Hook Drive Shaft Thrust Washer	
	383011 Rotating Hook Drive Shaft Bushing (left)	X X X X X X
	408265 Rotating Hook Drive Shaft	X X X X X X X
	544207-002 Rotating Hook Drive Shaft Bevel Gear Set Screw (2) 408910 Rotating Hook Drive Shaft Bevel Gear Complete	X X X X X X
24	408910 Rotating Hook Drive Shaft Bevel Gear Complete	IXIXIXIXIXI
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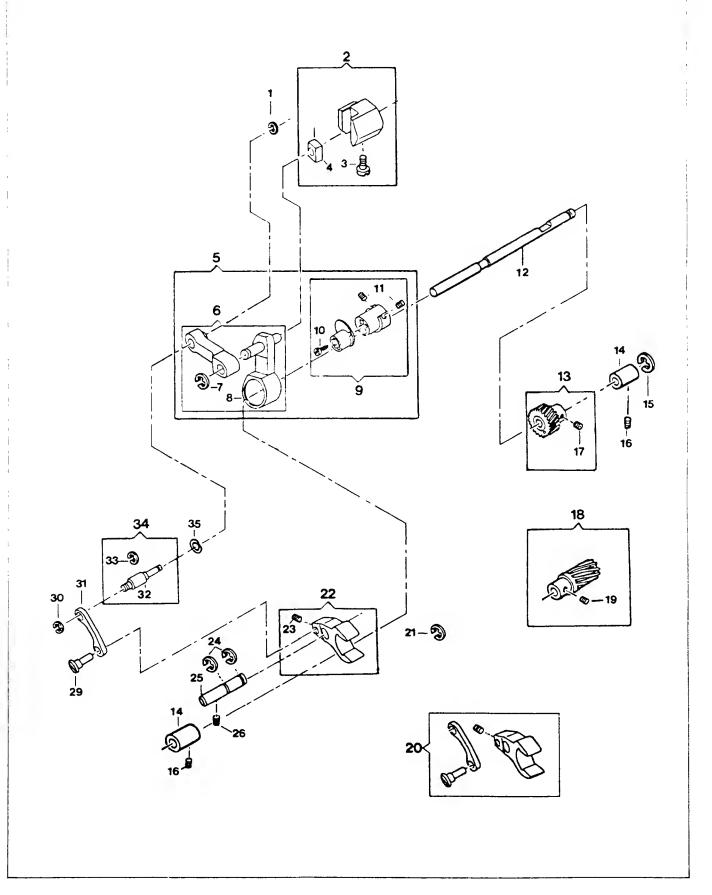


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REF.	PART #	FEED CONTROL MECHANISM	IGIGIUIUININI
			1 1 1 1 1 1
1	408170	Feed Regulator Shaft	
3	409293	Feed Regulator Shaft Retaining Ring	I X I X I X I X I X I X I
4	544104		
	Ī	Set Screw	IXIXIXIXIXIXI
5	408285		1 1 1 1 1 1
	i	Complete	[X X X X X X]
6	408569	Feed Regulator Shaft Tension Spring	X X X X X X X
7	408274	Feed Regulator Shaft Tension Spring Retaining Ring	
	511213	Feed Regulator Shaft Tension Spring Retaining Ring	X X
8	408343	Feed Control Knob	[X
9	409572		X X X X X X
10	182181	Feed Control Cam Bushing	X X X X X X X
11	408347	Feed Control Cam Complete	X X X X X X
12	1408348	Feed Control Cam Bushing Spring Washer	X X X X X X X
13	408349	Feed Control Cam Bushing Spacer	X X X X X X
14	408350	Feed Control Cam Bushing Retaining Ring	X X X X X X X
15	408913	Feed Control Knob Shaft Retaining Ring	X X X X X X
16	1408274	Feed Regulator Shaft Retaining Ring	
	511213	Feed Regulator Shaft Retaining Ring	X X
17	409571	Feed Regulator Shaft Crank with Actuating Lever	X X X X X X
18	549293	Feed Regulator Shaft Crank Set Screw (2)	XXXXXXXXX
19	549886	Reverse Feed Lever Shaft Retaining Ring (2)	X X X X X X
20	1408320	Reverse Feed Lever Shaft	XXXXXXXXX
23	408187	Feed Control Mounting Bracket	X X X X X X
24	544074		X X X X X X
-	545483	Reverse Feed Crank Stopper Screw Nut	X X X X X X
26		Reverse Feed Crank Stopper Screw	
	544185	Reverse Feed Crank Stopper Screw	
	549357	Disc Controlled Feed Controlling Lever Bracket Screw	X
	1409592	Reverse Feed Crank Complete	X X X X X X
	549366	Reverse Feed Crank Set Screw (2)	X X X X X X
	1549366	Reverse Feed Lever Set Screw	X X X X X X
	1408318	Reverse Feed Lever	IXIXIXIXIXI
_		Reverse Feed Lever Complete	IXIXIXIXIXI
	408331	Reverse Feed Crank Returning Spring	X X X X X X
	1 544 106	Disc Controlled Feed Controlling Lever Hinge Screw	X X X X X X
	408316 544107	Oisc Controlled Feed Crank Returning Spring Disc Controlled Feed Crank Hinge Screw	IXIXIXIXIXI
	408317	Disc Controlled Feed Controlling Lever Bracket Complete	X X X X X X X
	408337	Oisc Controlled Feed Crank Actuating Lever Ball Stud	X X X X X X X
		(eccentric)	
40	544150	Disc Controlled Feed Crank Actuating Lever Ball Stud	X X X X X X X
	<u> </u>	(eccentric) Set Screw	IXIXIXIXIXIXI
41	408338	Disc Controlled Feed Crank Actuating Lever Ball Stud	1 1 1 1 1 1
		(eccentric) Retaining Ring	IXIXIXIXIXIXI
42	408339	Disc Controlled Feed Crank Actuating Lever and Ball	
		Stud (eccentric) Complete	IXIXIXIXIXI
43	409569	Feed Control Mounting Bracket Complete	X X X X X X

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REF.	PART#	FEED	MECH	HANISM	IGIGIUIUININI
					111111
1	506448-8301	Feed	bar	connection and feed lifting fork connection	111111
	11	hin	ge (eccentric) set screw	X T
	1549308	Feed	bar	connection and feed lifting fork connection	11111
	<u> </u>	hin	oe s	stud (eccentric) set screw	
2	506194	Feed	dog	(machined)	X
				(machined)	
3	379505-451	Feed	dog	screw	X 1
	544103	Feed	doo	SCIEW	
4	544101	Feed	bar	pivot hinge stud adjusting pin (eccentric)	
	<u> </u>	cen	ter	(back) set screw	IXI IXIXIXIXI
5	1422142	Feed	bar	pivot hinge stud adjusting pin (eccentric)	
		cen	ter	(back)	1X1 1 1
	408280	Feed	bar	pivot hinge stud adjusting pin (eccentric)	
	<u> </u>	cer	ter	(back)	
				holder compensating link	IXI IXIXIXIXI
		Feed	bar	quide hinge set screw	X
	1514692	Feed	bar	quide hinge set screw	
8	1409695	Feed	bar	guide hinge pin	
9	422143	Feed	bar	pivot hinge stud adjusting pin (eccentric)	
		cen	ter	(front)	X
	511233			pivot hinge stud adjusting pin (eccentric)	
				(front)	
10	549358	Feed	bar	pivot hinge stud adjusting pin (eccentric)	
	1			(front) set screw	IXI IXIXIXIXI
				hinge bearing spring washer	IXI IXIXIXIXI
				pivot hinge stud adjusting pin (eccentric)	
				pivot hinge stud lock screw	
				pivot hinge stud retaining ring	
				pivot hinge stud Complete	
16				guide pin spring	IXI IXIXIXIXI
17		Feed	-	Complete	
		Feed		Complete	
18				holder compensating link retaining spring	
				holder compensating link retaining spring	
				holder compensating link set screw	
	544102	reed	dog	holder compensating link set screw	

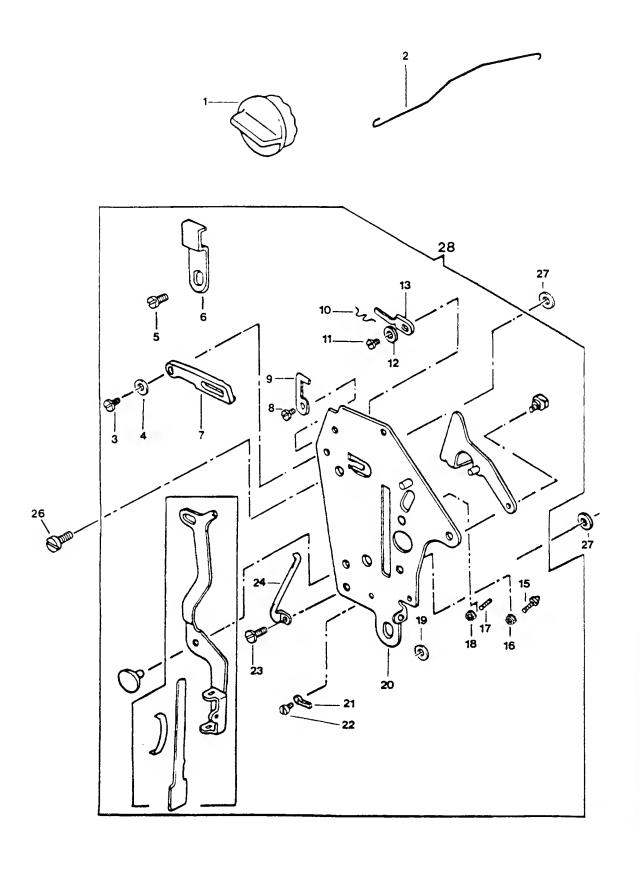




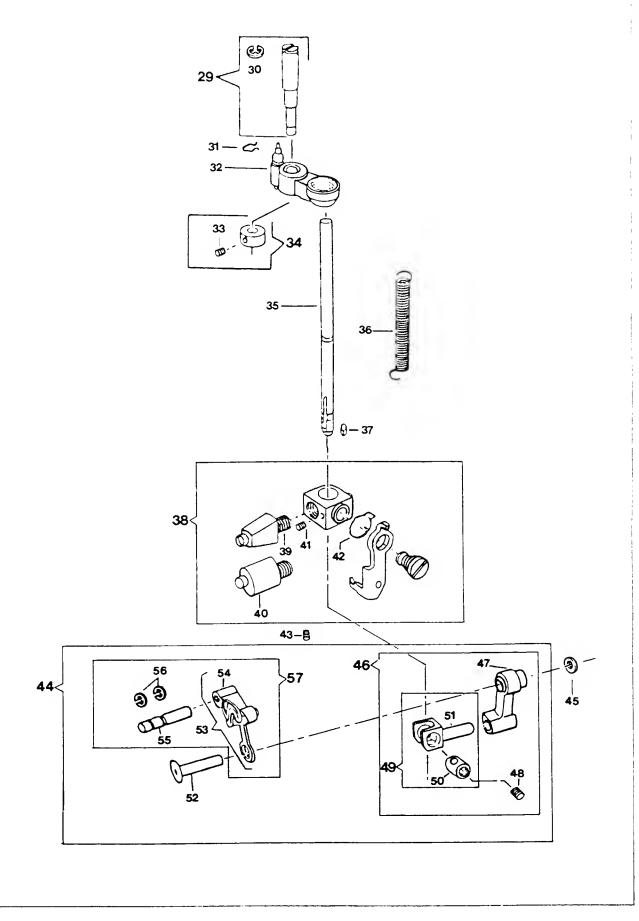


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חרר	I DADT A	TEEED ACCHANGEN CONTINUATIONS	10 5 5 1 5 1
REF.	1 PART #	FEED MECHANISM (CONTINUATION)	IGIGIUIUININI
	1507067		
	507063	Feed lifting fork connection retaining ring	[X]]]]
	506468	Feed regulator and feed regualtor slide block Complete	X
	511391		X
	1511030		X X X X X
	422164	Feed bar connection with (eccentric) Complete	X
	1511082	Feed bar drive connection	X
	1511213	Feed regulator slide block stud retaining ring	X
	408274	Feed regulator slide block stud retaining ring	
		Feed regulator slide block drive connection with stud	
9		Feed lifting cam feed (eccentric) Complete	X
		Feed lifting cam feed (eccentric) Complete	
			X
11			X
	549293	Feed lifting cam and feed (eccentric) set screw	<u> </u>
12	181598		IXI IXIXIXIXI
		Feed drive shaft gear Complete	
14			X X X X X
15	408274	Feed drive shaft retaining ring	X X X X X
16	1549358	Feed drive shaft bushing (left and right) set screw	X X X X X
17	1141338-869		IXI IXIXI I
		Feed drive shaft gear (helical, plastic) screw	
		feed drive shaft driving gear (helical, plastic)Complete	X = X X X X
19	1141772-869	Feed drive shaft driving gear (helical, plastic) set	
			X
	141816	Feed drive shaft driving gear (helical, plastic) set	
		screw	
20	1408277	Feed lifting fork with connection	
21	174277	Feed lifting cam and feed (eccentric) retaining ring	
		Feed lifting fork Complete	X X X X X X X X
23	514685-451	Feed lifting fork connection hinge stud (eccentric) set	
	<u> </u>		X X X X X
			8 1 1 1
		Feed lifting fork hinge stud retaining ring	
			$ \mathbf{x} \mathbf{x} \mathbf{x} \mathbf{x} \mathbf{x}$
			X = [X X X X]
			XI IXIXIXIXI
		Feed bar connection ball bearing retaining ring	
			X1
			X X X X X
_32	511044	Feed bar connection and feed lifting fork connection	
			X X X X X
	511213	Feed bar connection and feed lifting fork connection	
	1		<u> </u>
	408274	Feed bar connection and feed lifting fork connection	
	15.116	hinge stud (eccentric) retaining ring	x x x x
34	511076	Feed bar connection and feed lifting fork connection	
	1		X1 1
35	1507722	Feed bar connection spring washer	

			11 1 1 1 1 1 1
			1014141414141
			14 2 2 1 2 1
DEE	I DART#	THEAD END MODULE	10 5 5 1 5 1
REF.	PART #	I HEAD END MODULE	IGIGIUIUININI
	1400500 451	I Para Para Para Para Para Para Para Par	
		Presser Bar Pressure Regulating Knob	X
	1408385	Needle Bar Releasing Lever Connection	X X X X
		Needle Bar Supporting Plate Screw	
	408572	Needle Bar Supporting Plate Screw Washer	X X X X
5		Needle Bar Supporting Plate Guide Set Screw	X X X X X
	1408573	Needle Bar Supporting Plate Guide	X X X X
		Needle Bar Supporting Plate	X X X X
		Buttonholer Kick-out Shaft Supporter Screw	X X X X X X X
9	1408383	Buttonholer Kick-out Sheft Supporter Screw	X X X X X X
10	382408	Buttonholer Kick-out Spring	X X X X X X
11	549301	Buttonholer Kick-out Spring Bracket Screw	X X X X X X
12	408572	Buttonholer Kick-out Spring Bracket Screw Washer	X X X X X X
13		Buttonholer Kick-out Spring Bracket	X X X X X X
15	544137	Needle Bar Latch Guide Screw	X X X X X
16	545480	Needle Bar Latch Guide Screw Lock Nut	X X X X
17	544232	Needle Bar Latch Releasing Lever Stopping Screw	
18	545480	Needle Bar Latch Releasing Lever Stopping Screw Locks	
		Nut	X X X X
19	1409524	Needle Bar Latch Releasing Lever Stopping Pin Washer	
20	409522	Head End Plate	X
	409666	Head End Plate Complete	X X
21	382393	Buttonholer Kick-out Shaft Tripping Lever Adjusting	
		Eccentric	X X X X X X
_22	544004	Buttonholer Kick-out Shaft Tripping Lever Adjusting	1 1 1 1 1 1
		Eccentric Set Screw	X X X X X X X
23	1544113	Buttonholer Kick-out Shaft Tripping Lever Rod	1 1 1 1 1
	<u> </u>	ositioning Spring Screw	X X X X X X
24	381625	Buttonholer Kick-out Shaft Tripping Lever Positioning	11111
	<u> </u>	Spring	X X X X X X
26	544078	Head End Plate Screw (upper)	X X X X X X
27	408559	Head End Plate Washer (2)	X X X X X X X
28		Head End Plate Assembly	
	1409678		
	1409596	Head End Plate Assembly	X
	1		
	1		
	1		1 1 1 1 1 1
	1		

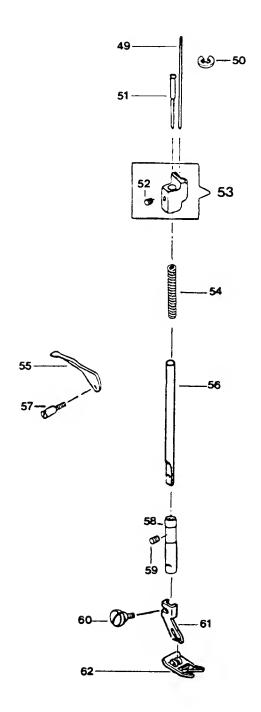


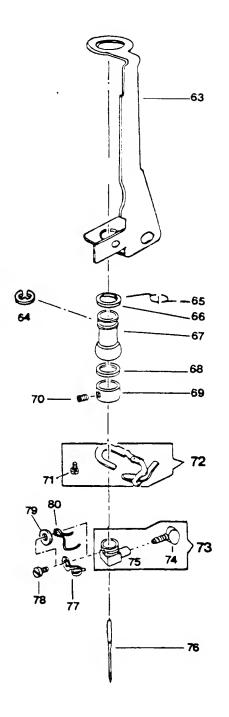
HEAD END MODULE

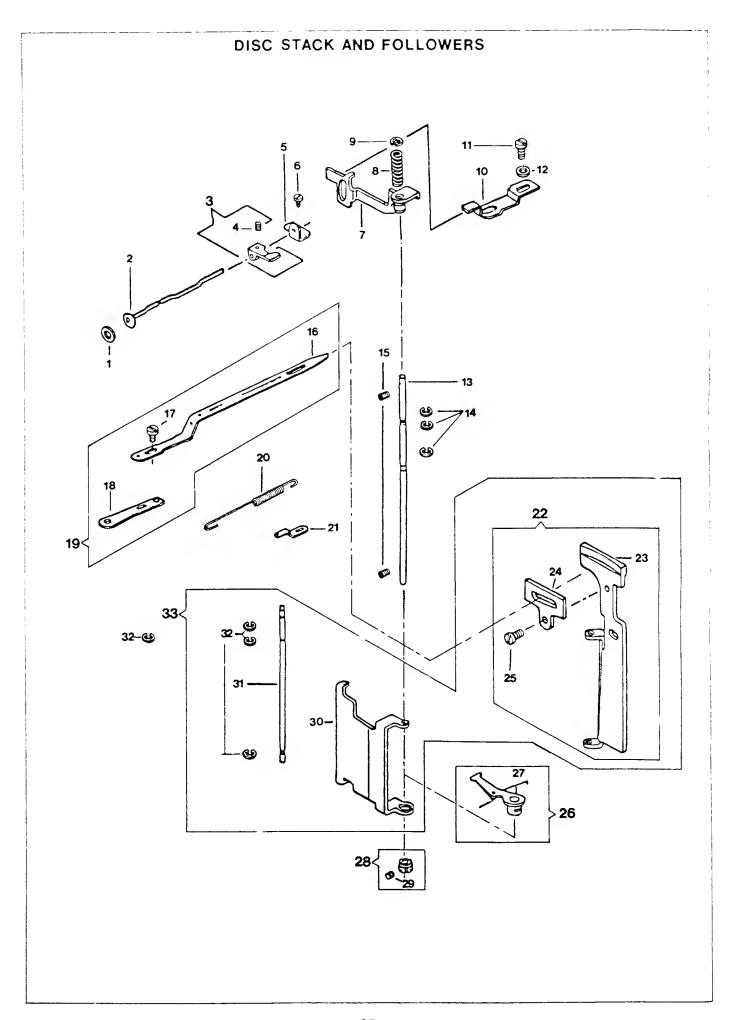


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			[0 5 5 1 5 1
REF.	PART #	HEAD END MODULE (CONTINUATION)	G G U U N N
29	502364	 Needle Bar Vibrating Bracket Hinge Stud (eccentric)	
	1	Complete	X
30	506199	Needle Bar Vibrating Bracket Hinge Stud (eccentric)	
	1		XXXXXXXXX
3.1	408570	Needle Bar Driving Arm Ball Joint Snap Retainer	X
	502335	Needle Bar Vibrating Bracket Complete	X X
	408806	Needle Bar Vibrating Bracket Complete	
	504094	Needle Bar Vibrating Bracket Hinge Stud (eccentric)	1 1 1 1 1 1
	1 704074	Collar Set Screw	X X X X X X X
34	 547500	<u></u>	
-)4	1 34 7 300	Needle Bar Vibrating Bracket Hinge Stud (eccentric) Collar Complete	X
7.5	503281	Needle Bar	XXI
			
7.	408925	Needle 8ar	
	502349	Needle Bar Latch Carrier Spring	X X X X
	163822	Needle Bar Gib	X X X X X X
38	1408358	Needle Bar Latch Carrier Complete	X
	409703	Needle Bar Latch Carrier Cam Plate	X
39	408361	Needle Bar Latch Carrier Socket Complete	X
		Needle Bar Latch Carrier Socket Complete	1 X
	544109	Needle Bar Latch Carrier Screw Stud	
		Needle Bar Latch Adjusting Stud (eccentric) Set Screw	X X X X X 1
		Needle Bar Latch Spring	X X X X X
		Thread Take-up Lever Link Hinge Stud Set Screw	X X X X X
44	408458-451	Thread Take-up Lever and Needle Bar Connecting Link	
		Complete	X X
	40845B-452	Thread Take-up Lever and Needle Bar Connecting Link	
		Complete	
	140846B-452	Thread Take-up Lever and Needle 8ar Connecting Link	
		Complete	
	408568-451	Thread Take-up Lever with Needle 8ar Connecting Link	
	<u> </u>	Complete	
45	543531	Needle Bar Connecting Link Thrust Washer	X X X X X X
46	40B456	Needle Bar Connecting Link with Stud	IXIXIXI IXI I
		Needle Bar Connecting Link with Stud	
		Needle Bar Connecting Stud Complete	
		Needle Bar Connecting Link	IXIXIXIXIXIXI
		Needle Bar Connecting Stud Hinge Pin Set Screw	1
		Needle Bar Connecting Stud Complete	X X X X
		Needle Bar Connecting Stud Hinge Pin	IXIXIXIXIXIXI
		Needle 8ar Connecting Stud	X X X
		Needle Bar Connecting Stud	
		Thread Take-up Stud	IXIXIXIXIXI
53		Thread Take-up Lever Complete	X X
		Thread Take-up Lever Complete	<u> </u>
	507649	Thread Take-up Lever Link	
		Thread Take-up Lever Link Hinge Stud	IXIXIXIXIXI
		Thread Take-up Lever Link Hinge Stud Retaining Ring (2)	X X X X X X
57		Thread Take-up Lever Complete	X
	408457-452	Thread Take-up Lever Complete	

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		[4 2 2 1 2 1
		0 5 5 1 5 1
REF.	PART # [HEAD END MODULE 'CONTINUATION')	IGIGIUIUININI
		! ! ! ! ! !
49	408370 Tension Releasing Pin	X X X X X X
50	408030 Tension Releasing Pin Retaining Ring	
	507343 Tension Releasing Pin Retaining Ring	[X X
51	502484 Presser Bar Regulating Extension Pin	X
52	549361 Presser Bar Guide Bracket Set Screw	X
53	40B369 Presser Bar Guide Bracket Complete	[X]
	409664 Presser Bar Bushing and Presser Guide Bracket Complete	X
54	408801 Presser Bar Spring	[X]
	383944 Presser Bar Spring	
55	502362 Presser Bar Lifter	X X X X X X
56	502360 Presser Bar	X
	409660 Presser Bar	X X X X X
	544110 Presser Bar Lifter Hinge Screw	X X X X X X X
	409520 Presser Bar Bushing	X
	409661 Presser Bar Bushing	
5.0	549316 Presser Bar Bushing Set Screw	X X X X X X X
		XXI
-60	354135-453 Presser Foot Thumb Screw	
	504030 Presser Foot Thumb Screw	
61	163706 Presser Foot (snap-on) Shank	X X
	542167 Presser Foot (snap-on) Shank	
62	502280-452 Presser Foot Plate (snap-on)(for zig-zag stitching)	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	Complete	1x1x1
	409379 Presser Foot Plate (snap-on)(for zig-zag stitching)	
	Complete	
-	408364 Needle Bar Latch Releasing Lever	X X X X
	541254 Needle Bar Latch Releasing Lever Retaining Ring	X X X X
65	503246 Needle Bar Latch Releasing Lever Spring	IXIXIXI IXI I
_66	502325 Needle Bar Ball Bushing (lower) Socket (upper)	X X X X X X
67	408564 Needle Bar Ball Bushing (lower)	X X X X X X
68	507379 Needle Bar Ball Bushing (lower) Socket (lower)	X X X X X X
_69	502485 Needle Bar Ball Bushing (lower) Adjusting Collar	X X X X X X
70	549366 Needle Bar Ball Bushing (lower) Adjusting Collar Set	
	Screw	IXIXIXIXIXI
71	141215-809 Arm Thread Guide (lower) Thread Snubber Screw	X X X X X X
72	408367 Arm Thread Guide (lower) Complete	X X X X X X
_ 73	511279 Needle Clamp Complete	1X1X1 1 1 1 1
	540382 Needle Clamp Complete	
74	511171-829 Needle Thumb Screw	X X
	549341 Needle Thumb Screw	
75	1506142 Needle Clamp	
	546226-851 Needle Clamp	
76	C 2045-142 Singer 15 x 1 #14	X X
	C 2045-014 Singer (Yellow-Band) #14	
	C 2020-014 Singer #14	
77	163431 Needle Bar Thread Guide	IXIXI I IXIXI
78	141453-829 Needle Clamp Body Needle Clamp Thread Guide and Needle	111111
	Stop Screw	1X1X1 1 1 1 1
	1141453 Needle Clamp Body Needle Clamp Thread Guide and Needle	111111
	Stop Screw	1
	545193 Needle Bar Thread Guide and Needle Stop Screw	
79	546133 Needle Bar Thread Guide Screw Washer	
80	546216 Needle Bar Thread Guide	
		

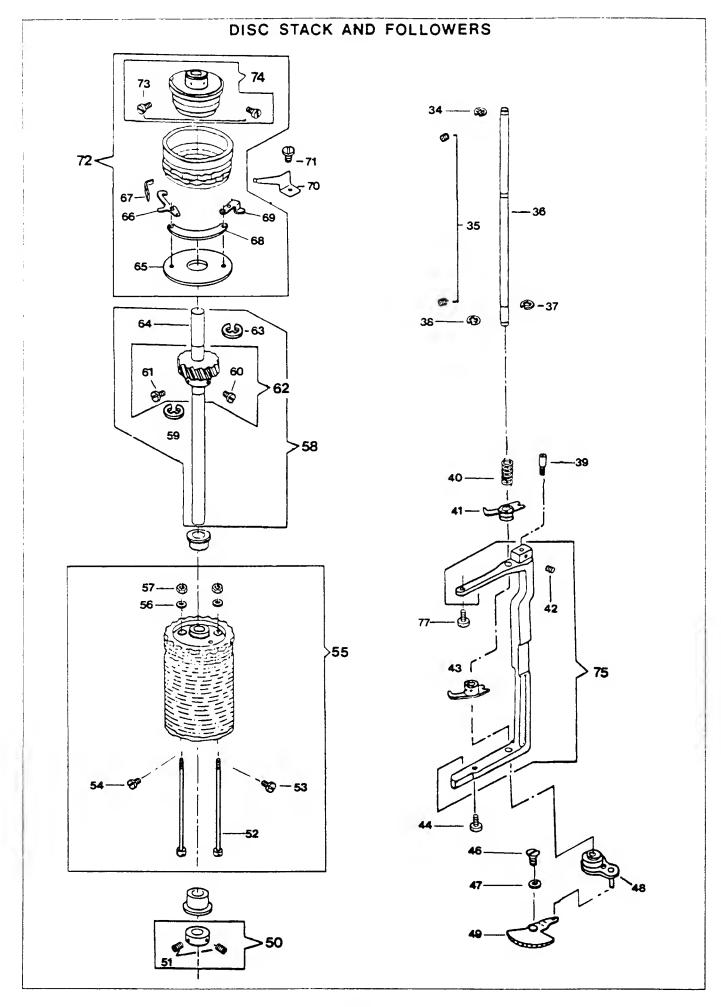


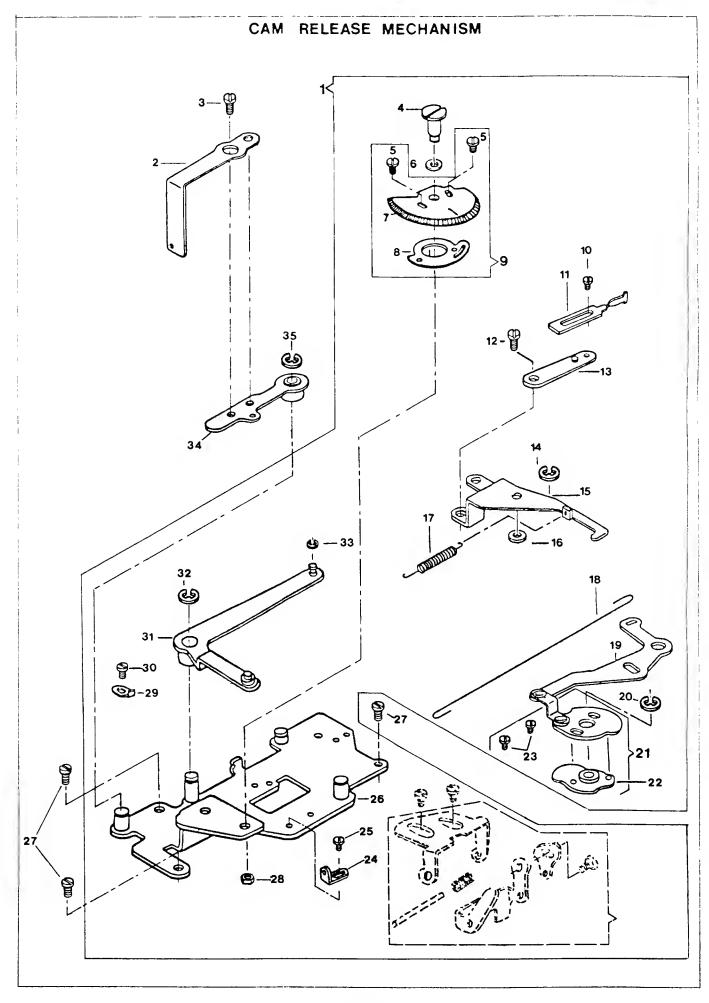




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REF.	PART	Æ		GGUIUININI
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1	15/19/126	451	Buttonholer Kick-out Shaft Washer	IXIXIXIXIXIXI
	408579		. ", , , , , , , , , , , , , , , , , , ,	X X X X X X X
	408471		Disc (buttonhole) Driving Ratchet Engaging Pawl	1
	1			IXIXIXIXIXIXI
	15/4/206	002	Disc (buttonhole) Driving Ratchet Engaging Pawl Screw	X X X X X X
	40822B		Buttonholer Kick-out Shaft Bracket	[X X X X X X X
	549357			X X X X X X
			Disc (buttonhole) Needle Position Follower Complete	X X X X X X X
	1408229			
	1408232		Disc (buttonhole) Needle Position Follower Spring	
	1409698		Disc (buttonhole) Needle Position Follower Spring	X
	1408030		Needle Position Releasing Lever Link Complete Retaining	
	1507747		Ring	
	507343		Needle Position Releasing Lever Link Complete Retaining	X X
	1		Ring	
	408477		Needle Position Control Plate	X X X X X X X X X X
	549357		Needle Position Control Plate Screw	X X X X X X X
	547670		Needle Position Control Plate Screw Washer	X X X X X X X
	40B394		Disc Needle Position Follower Shaft	
	408274		Disc Needle Position Follower Shaft Retaining Ring (4)	
	1511213		Disc Needle Position Follower Shaft Retaining Ring (4)	X X
	549366		Disc Needle Position Follower Shaft Set Screw (2)	IXI XIXIXIXI
	549366		Disc Needle Position Follower Shaft Set Screw (2)	X
	1408396		Needle Bar Driving Arm Complete	IXIXIXIXI
			Needle Bar Driving Arm Ball Joint Screw	X X X X X X
18	408400		Needle Bar Drivino Arm Ball Joint	
	1408409		Needle Bar Driving Arm with Ball Joint	XXXXXXXX
_20	40B39B		Needle Bar Driving Arm Return Spring	
	408565		Needle Bar Driving Arm Return Spring	
	408178		Needle 8ar Driving Arm Return Spring 8racket	X X X X X X
	409532		Needle 8ar Driving Arm Plate Complete	X X X X X X
	408401		Needle Bar Driving Arm Plate	X X X X X X
	1409533		Needle Bar Driving Arm Plate (small)	X X X X X X X
	549301		Needle Bar Driving Arm Plate (small) Screw	XXXXXXXXX
	40B391		Disc Needle Position Follower Complete	X X X X X X
	408392		Disc Needle Position Follower Return Spring	IXIXIXIXIXI
28	1408408		Needle Bar Driving Arm Plate Hinge Bracket Eccentric	1 1 1 1 1 1 1
	1515546		Complete	X X X X X X
29	549366		Needle Bar Driving Arm Plate Hinge Bracket Eccentric	1 1 1 1 1 1 1
	1		Screw	X X X X X X
	408402		Needle Bar Driving Arm Plate Hinge Bracket	X X X X X X X
	408406		Needle Bar Driving Arm Plate Hinge Stud	X X X X X X
32	408030		Needle Bar Driving Arm Plate Hinge Stud Retaining	
	1/00075		Ring (3)	X X X X X X
	1408030		Needle Position Releasing Lever Link Complete Retaining	
	15077 : 5		Ring	<u> </u>
	1507343		Needle Position Releasing Lever Link Complete Retaining	
	1		Ring	
33	409531		Needle 8ar Driving Arm Plate with Hinge Bracket	X

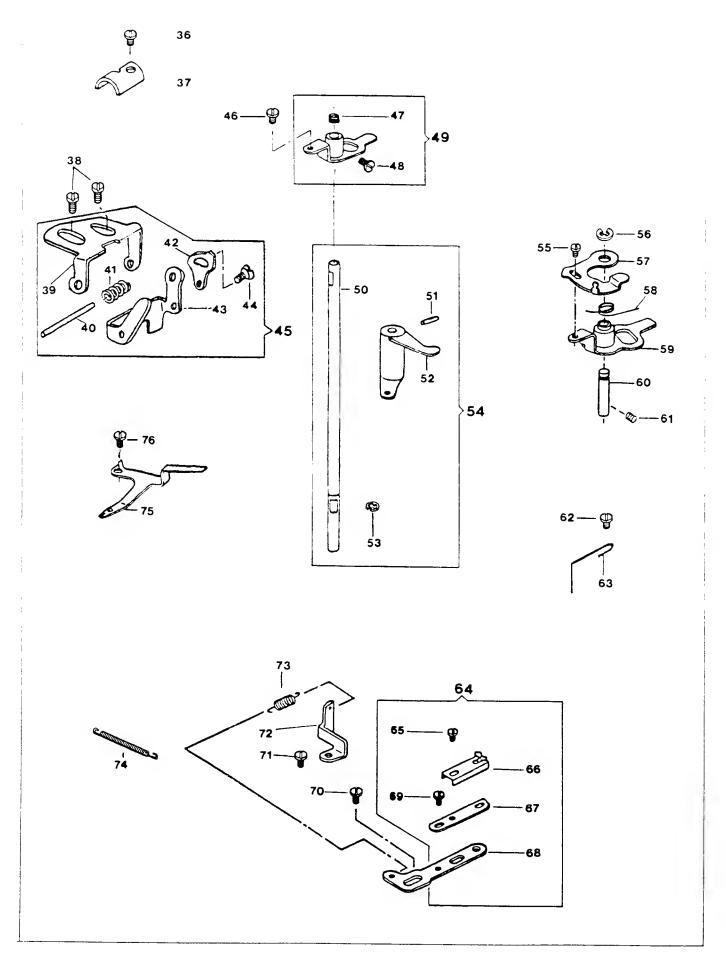
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REF.	PART #		IGIGIUIUININI
34	408274	Disc (buttonhole Feed Control Follower Spring Ret. Ring	
	1511213	Disc (buttonnole: Feec Control Follower Soring Ret. Ring	
	549366		XIXIXIXIXI
	1409527		
	409697		{
	1408656	Disc Feed Control Follower Shaft	
	1408274	Disc Feed Control Follower Shaft Retaining Ring (2)	
	1511213		IXIXI
38	408655	Feed Bajancing Eccentric Retaining Ring	
	1507063	Feed Balancing Eccentric Retaining Ring	IXIXI I I
39	408209		X X X X X X
40	1408575		1X1 X1X1
-	1409698		
41	1408207	Disc (buttonhale) Feed Control Follower Complete	IXIXIXIXIXI
42	1549366		1 1 1 1 1 1
	1		XIXIXIXIXI
43	408202	Disc Feed Control Follower Complete	IXIXIXIXIXIXI
44	544095	Disc Controlled Feed Lever Actuating Lever Hinge Screw	X X X X X X X
46	544184	Feed Balancing Dial Hinge Screw	X X X X X X X
47	049204	Feed Balancing Dial Hinge Screw Spring Washer	
	507684	Feed Balancing Dial Hinge Screw Soring Washer	X X
49	1409526-454	AFeed Balancing Dial	X X X X X X
50	1408167	Disc Stack Shaft Collar Complete	X X X X X X X
51	549366	Disc Stack Shaft Collar Set Screw (2)	X X X X X X
52	1544092		
	1544135	10000 00000 0000	1 X X
53	544111-452	2 Disc Stack Set Screw (short)	XXXXXXXXX
	344139	Disc Stack Set Screw (long)	
55	4D8194	Disc Stack Complete	X x X X
	4D8491	Disc Stack Complete	
	1408195	Disc Stack Clamping Bolt Nut Washer (2)	
	1541158	Disc Stack Clamping Bolt Nut (2)	
-	408163	Disc Stack Shaft Complete Disc (buttonhole) Retaining Ring	XIXIXIXIXIXI
- 59	1543778		1 1 1 1 1 1 1 1 1 1 1 1 1
(CL)	422398		X X
_	1549305		X X X X X X X X X X
61	549305 544134 - 45		X X X X X X X X X X
61 62	549305 544134-45 408162	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete	X X X X X X X X X X
61	549305 544134-45 408162 543778	IDisc (buttonhole) Retaining Ring	X X X X X X X X X X
61 62 63	549305 544134-45 408162 543778 422398	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete	
61 62 63	549305 544134-45 408162 543778	IDisc (buttonhole) Retaining Ring	
61 62 63 64 65	549305 544134_45 408162 543778 422398 40816D	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc S	
61 62 63 64 65 66	549305 544134-45 408162 543778 422398 408160 408222	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc (buttonhole) Cap	
61 62 63 64 65 66	549305 544134-45 408162 543778 422398 408160 408222 408220	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl	
61 62 63 64 65 66 67	549305 544134-45 408162 543778 422398 408160 408222 408220 408221	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) IDISC (butto	
61 62 63 64 65 66 67 68	549305 544134-45 408162 543778 422398 408160 408222 408220 408221	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever	
61 62 63 64 65 66 67 68	549305 544134-45 408162 543778 422398 40816D 408222 40822D 40822D 408219 408218 408210	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Soring IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) IDI	
61 62 63 64 65 66 67 68 69 70	549305 544134-45 408162 543778 422398 40816D 408222 40822D 408221 408219 408218 40821D 549357	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Spring IDisc (buttonhole) Friction Spring IDisc (buttonhole) Friction Spring Screw IDisc (buttonhole) IDIS	
61 62 63 64 65 66 67 68 69 70 71	549305 544134-45 408162 543778 422398 40816D 408222 40822D 408221 408219 408218 40821D 549357 408226	Disc (buttonhole) Retaining Ring Disc Stack Shaft Gear Screw Disc Stack Shaft Gear Screw Disc Stack Shaft Gear Complete Disc Stack Shaft Retaining Ring Disc Stack Shaft Retaining Ring Disc Stack Shaft Retaining Ring Disc Stack Shaft Disc (buttonhole) Cap Disc (buttonhole) Disengaging Pawl Disc (buttonhole) Disengaging Lever and Pawl Connecting Link Disc (buttonhole) Disengaging Lever Disc (buttonhole) Friction Spring Disc (buttonhole) Friction Spring Disc (buttonhole) Friction Spring Disc (buttonhole) Complete	
61 62 63 64 65 66 67 68 69 70 71 72 73	549305 544134-45 408162 543778 422398 40816D 408222 40822D 40822D 408219 1408218 40821D 549357 408226 544134-45	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Spring IDisc (buttonhole) Friction Spring Screw IDisc (buttonhole) Complete IDisc (buttonhole) Complete IDIsc (buttonhole) Driver Set Screw (2)	
61 62 63 64 65 66 67 68 69 70 71 72 73	549305 544134-45 408162 543778 422398 40816D 408222 40822D 40822D 408219 1408218 40821D 549357 408226 544134-45	Disc (buttonhole) Retaining Ring Disc Stack Shaft Gear Screw Disc Stack Shaft Gear Screw Disc Stack Shaft Gear Complete Disc Stack Shaft Retaining Ring Disc Stack Shaft Retaining Ring Disc Stack Shaft Retaining Ring Disc Stack Shaft Disc (buttonhole) Cap Disc (buttonhole) Disengaging Pawl Disc (buttonhole) Disengaging Lever and Pawl Connecting Link Disc (buttonhole) Disengaging Lever Disc (buttonhole) Disengaging Lever Disc (buttonhole) Friction Spring Disc (buttonhole) Friction Spring Screw Disc (buttonhole) Complete Disc (buttonhole) Driver Set Screw (2) Disc (buttonhole) Driver Complete	
61 62 63 64 65 66 67 68 69 70 71 72 73	549305 544134-45 408162 543778 422398 40816D 408222 40822D 408221 408219 1408218 40821D 549357 408226 544134-45 408225 408296	IDisc (buttonhole) Retaining Ring IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Complete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Spring IDisc (buttonhole) Friction Spring Screw IDisc (buttonhole) Complete IDisc (buttonhole) Driver Set Screw (2) IDisc (buttonhole) Driver Complete IDisc (buttonhole) Driver Complete IDisc (buttonhole) Driver Complete IDisc (buttonhole) Driver Complete IDisc (buttonhole) Feed Crank Actuating Lever Bracket Comp.	
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	549305 544134-45 408162 543778 422398 40816D 408222 40822D 408221 408219 408210 549357 408216 544134-45 408296 408497	IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Comolete IDisc Stack Shaft Gear Comolete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Comolete IDisc (buttonhole) Driver Set Screw (2) IDisc (buttonhole) Driver Set Screw (2) IDisc (buttonhole) Driver Comolete IDisc Controlled Feed Crank Actuating Lever Bracket Comp. IDisc Controlled Feed Crank Actuating Lever Bracket Comp.	
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	549305 544134-45 408162 543778 422398 40816D 408222 40822D 408221 408219 408210 549357 408216 544134-45 40825 40826 408497 408697	IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Comolete IDisc Stack Shaft Gear Comolete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disendaging Pawl IDisc (buttonhole) Disendaging Lever IDisc (buttonhole) Disendaging Lever IDisc (buttonhole) Disendaging Lever IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Comolete IDisc (buttonhole) Driver Set Screw (2) IDisc (buttonhole) Driver Comolete IDisc (buttonhole) Driver Comolete IDisc Controlled Feed Crank Actuating Lever Bracket Comolete IDisc Balancing Disl Lever Comolete	
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	549305 544134-45 408162 543778 422398 40816D 408222 40822D 408221 408219 408210 549357 408216 544134-45 408296 408497	IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Screw IDisc Stack Shaft Gear Comolete IDisc Stack Shaft Gear Comolete IDisc Stack Shaft Retaining Ring IDisc Stack Shaft Retaining Ring IDisc Stack Shaft IDisc Stack Shaft IDisc (buttonhole) Cap IDisc (buttonhole) Disengaging Pawl Spring IDisc (buttonhole) Disengaging Lever and Pawl Connecting Link IDisc (buttonhole) Disengaging Lever IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Friction Soring IDisc (buttonhole) Comolete IDisc (buttonhole) Driver Set Screw (2) IDisc (buttonhole) Driver Set Screw (2) IDisc (buttonhole) Driver Comolete IDisc Controlled Feed Crank Actuating Lever Bracket Comp. IDisc Controlled Feed Crank Actuating Lever Bracket Comp.	

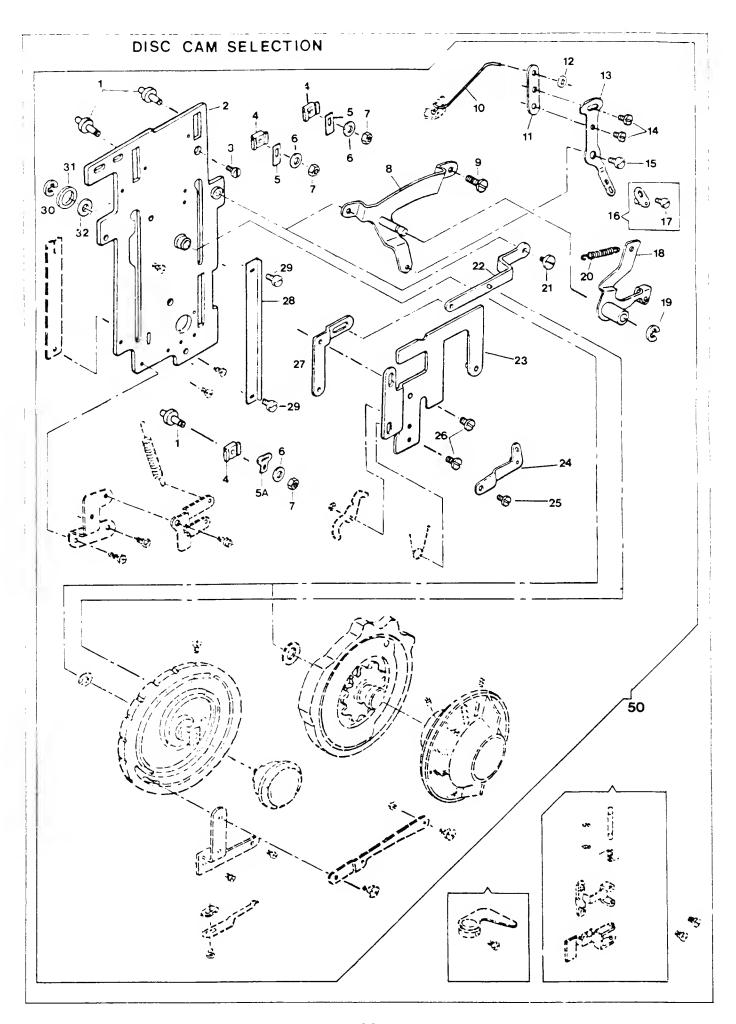




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REF.	PART #	TEAM RELEASE MECHANISM (CONTINUATION)	IGIGIUIUININI
			1 1 1 1 1
36	1544200	Disc follower releasing mechanism kick-out lever	11/11/11
		releasing cam set screw	
37	408922	Disc follower releasing mechanism kick-out lever	1 1 1 1 1 1 1
	<u> </u>	releasing cam	
38	549301	Disc follower releasing mechanism kick-out lever bracket	
	[IXIXIXI IXI I
	408052	Disc follower releasing mechanism kick-out lever bracket	
40	1408054	Disc follower releasing mechanism kick-out lever hinge	
- / 1	1,00056	pin	
41	1408056	Disc follower releasing mechanism kick-out lever plate	
/12	408055	spring	
	1408053	Disc follower releasing mechanism kick-out lever plate Disc follower releasing mechanism kick-out lever	
	1549301	Disc follower releasing mechanism kick-out lever plate	1 1 1 1 1 1
	1	SCIEW	
45	408051	Disc follower releasing mechanism kick-out lever Compl.	
	549301	Linear solenoid crank shaft lever extension plate screw	
47	409601	Linear solenoid crank shaft lever spring	XIXIXI XI
48	544124	Linear solenoid crank shaft lever set screw	XIXIXI XI
49	409552	Linear solenoid crank shaft lever Complete	x
	409684	Linear solehold crank shaft lever Complete	X X
50	409555	Linear solenoid crank shaft	X
	409682	Linear solenoid crank shaft	
	1 548202	Linear solenoid crank spring pin	X
	1409556	Linear solenoid crank	X
-53	408274	Linear solenoid crank shaft ring	XI XIXIXI
5/1	511213 422373	Linear solenoid crank shaft ring Linear solenoid crank shaft Complete	X1
-	1549301	Disc (feed control) follower releasing link adjusting	<u> </u>
	1	link screw	
56	408274	Disc (feed control) follower releasing lever stud ring	
57	408504	Disc (feed control) follower releasing lever adjusting	11111
		link	1
58	408505	Disc (feed control) follower releasing lever adjusting	111111
		return soring	
59	409588	Disc (feed control) follower releasing lever Complete	
_60	408503	Diac (feed control) follower releasing lever stud	
61	549366	Disc (feed control) follower releasing lever stud set	1 1 1 1 1 1 1 1
(2	15/4/030	SCIEW	1
_62	1544038	Needle bar driving arm olate disengaging link adjusting plate spring screw	X X X
63	1408185	Needle bar driving arm plate disengaging link adjusting	
	1	plate soring	IXIXIXIXIXIXI
64	1408514	Needle position releasing lever link Complete	IXIXIXI IXIXI
	549301	Disc (needle pos.) follower retaining apring set screw	IXIXIXIXIXIXI
***************************************	1408071	Disc (needle oos.) follower retaining spring	IXIXIXIXIXIXI
67	408072	Needle position releasing lever link adjusting plate	X X X X X X X
68	408515	[Needle position releasing lever link	X X X X X X
69	549301	Needle pos. relessing lever link adjustino plate screw	IXIXIXIXIXIX
	544086	Needle position releasing lever link hinge screw	IXIXIXIXIXIXI
71	549357	Needle pos. relessing lever link return spring retainer	
	1400555	l screw	IXIXIXIXIXIX
	408551	Needle pos. releasing lever link return spring retainer	
	1408516	Needle position releasing lever link return spring	
	1409616	Disc follower releasing lever return spring Disc follower releasing lever	
_	544279	Disc follower releasing lever hinge acrew	IXIXIXI IXI I
	/	Touch tollower referred forest using geren	,

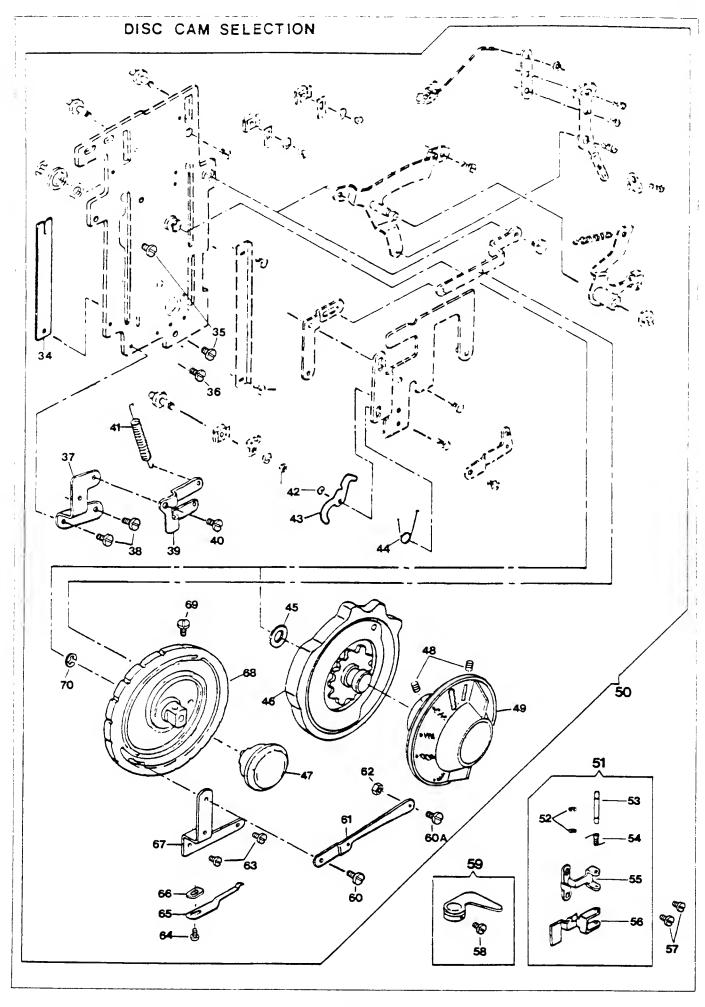
CAM RELEASE MECHANISM

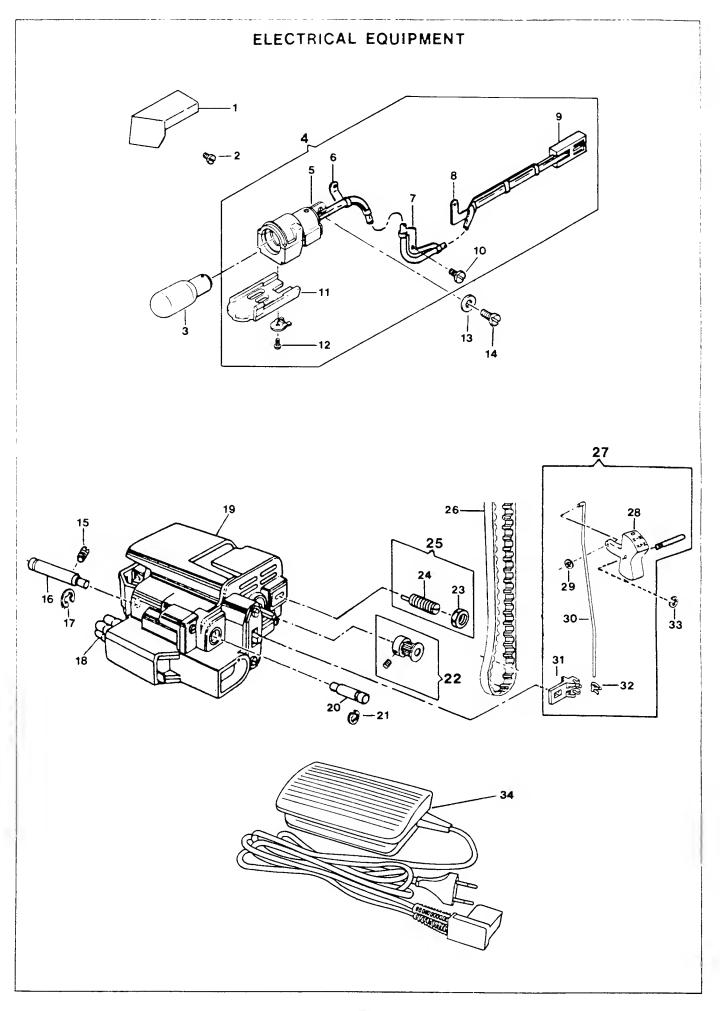




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			10/5/5/1/5/1/
REF.	I PART #	DISC CAM SELECTION	
11121	1	DISC CAT SELECTION	IGIGIUIUININI
	408472	Disc (buttonhole) follower selector stud (feed cam)	
	408472		XIX X X X X
		Disc (buttonhole) needle position follower selector stud	
	1408472	Disc (feed control) follower selector stud (flexi cam)	X X X X X X
	1409566	Disc pattern selector plate	
	1409591	Disc pattern selector plate	
	1544088	Disc pattern selector plate screw	
4	408912	Disc (buttonhole) follower slide block (feed cam)	X X X X X X
	1408912	Disc (buttonhole) needle position follower slide block	X X X X X X
	408912	Disc (feed control) follower slide block (flexi cam)	X X X X X X
5	1408140	Disc (feed control) follower slide block (flexi cam)	1 1 1 1 1
	1	adjusting plate	X X X X X X
	408137	Disc (buttonhole) needle position follower slide block	1 1 1 1 1 1
		adjusting plate	IXIXIXI IXIXI
	1408137	Disc (buttonhole) follower slide block (feed cam)	
	<u> </u>	adjusting plate	X X X
	408536	Disc (buttonhole) follower slide block (feed cam)	
	11	adjusting plate	1
6	1547670	Disc (buttonhole) follower slide block (feed cam)	1
	<u></u>	adjusting plate washer	X X X X X X X
	1547670	Disc (buttonhole) needle position follower slide block	111111
	<u> </u>	adjusting plate washer	X X X X X X X
	1547670	Disc (feed control) follower slide block (flexi cam)	
		adjusting plate washer	X X X X X X
7	514607	Disc (buttonhole) follower selector stud (feed cam) nut	
	514607	Disc (buttonhole) needle position follower nut	
	514607	Disc (feed control) follower selector stud (flexi cam)	
		nut	X X X X X X
8	408528	Disc follower releasing lever actuating lever bracket	
9	549301	Disc follower actuating plate adjusting plate screw (2)	
10	408548	Needle position releasing lever connection	
	1		111111
11	408547	Needle position releasing lever connection adjusting	11111
	1	plate	1 1 1 X1 1
12	408454	Needle position releasing lever connection ring	
13	408543	Needle position releasing lever actuating lever	
14	549324	Needle position releasing lever adjusting plate screw	
17	549324	Needle position releasing lever connection screw	
18	408537	Disc (feed control) follower releasing lever actuating	
		lever	
19	408274	Disc follower releasing lever actuating lever stud ring	
20	408542	Disc (feed control) follower releasing lever actuating	
		lever return spring	
21	544090	Disc follower actuating plate lever cap screw	IXIXIXI IXIXI
22	408145	Disc follower actuating plate lever Complete	IXIXIXIXIXI
23	408110	Disc follower actuating plate Complete	IXIXIXIXIXI
24	408141	Disc (bracket) follower slide block lever Complete	IXIXIXI IXI I
25	544090	Disc (feed control) follower slide block lever set screw	
	549301	Disc follower actuating plate adjusting plate screw (2)	
27	408114	Disc follower actuating plate adjusting plate	IXIXIXIXIXIXI
28	408113		IXIXIXIXIXIXI
	549324	Disc follower actuating plate guide plate screw (2)	IXIXIXIXIXI
		Disc pattern selector cam retaining ring	
	408527	Disc pattern selector cam shaft washer	
32	408526	Disc pattern selector cam shaft thrush washer	

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			10/4/4/4/4/4/
			1412121112111
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REF.	PART #	DISC CAM SELECTION (CONTINUATION)	IGIGIUIUININI
	<u> </u>		111111
34	408115	Disc needle position follower selector positioning plate	IXIXIXIXIXIXI
_35	549357	Disc pattern selector plate screw (2)	X X X X X
36	549301	Disc needle position follower selector positioning plate	11111
	1	screw	X X X X X X X
37	408533	Disc (feed control) follower slide block lever bracket	
38	549301	Disc (feed control) follower slide block lever bracket	11111
		SCIEW	
39	408531	Disc (feed control) follower slide block lever	
40	1544086	Disc (feed control) follower slide bk. lever hinge screw	
41	1408535	Disc (feed control) follower slide block lever spring	
42	1408030	Disc needle position follower selector positioning pawl	1 1 1 1
	1	retaining ring	IXIXIXIXIXIXI
43	408117	Disc needle position follower selector positioning pawl	
44	408118	Disc needle position follower selector positioning pawl	
		spring	IXIXIXIXIXIXI
45	408526	Disc pattern selector cam shaft thrust washer	1
46	408524	Disc pettern selector cam	
47	1409611	Disc pattern selector dial Complete	X X X X
. 48	544104	Disc pattern selector dial set screw	
49	408521-453	Disc pattern selector dial. Complete	
_50	409610	Disc pattern selector plate Assembly	X
	1409667	Disc pattern selector plate Assembly	x x
	408155	Disc pattern selector dial lock lever Complete	
_52	1408030	Disc pattern selector dial lock lever hinge pin retain-	
	<u> </u>	inc ring (2)	X X X X
	1408153	Disc pattern selector dial lock lever hinge pin	X X X X
54	408154	Disc pattern selector dial lock lever spring	
	408151	Disc pattern selector dial lock lever	X X X X
	408152	Disc pattern selector dial lock lever bracket	X
	549301	Disc pattern selector dial lock lever bracket screw (2)	
_58	1544103	Disc pattern selector dial lock lever disensaging lever	
	1	set screw	
_59	1408156	Disc pattern selector dial lock lever disengaging lever	1 1 1 1 1 1
	15/4/00/	Complete	
-60	1544086	Disc selector pattern indicator actuating lever hinge	
<u> </u>	15/4/00/	SCIEW	IXIXIXI IXI I
BUA	1544086	Disc selector pattern indicator actuating wire hinge	
	1400564	screw	IXIXIXI IXI I
	1409564 1545480	Disc selector pattern indicator actuating lever Complete	XXXXX XI XI I
62	1242480	Disc selector pattern indicator actuating wire hinge	
-63	 549301	Disc selector nettern indicator networks laws broaden	X
	1	Disc selector pattern indicator actuating lever bracket screw (2)	
64	1549301	Disc pattern selector cam spring aet screw	
	1408150	Disc pattern selector cam spring	
	1409696	Disc pattern selector cam spring isolator	
	1409561	Disc selector pattern indicator actuating lever bracket	
	408106	Disc pattern selector cam	IXIXIXI IXI I
	1408524	Disc pattern selector cam	
69	544103	Diac pattern selector cam screw	IXIXIXI IXIXI
-	1408274	Diac pattern selector cam retaining ring	IXIXIXI IXIXI
		,	TOTAL TALAL

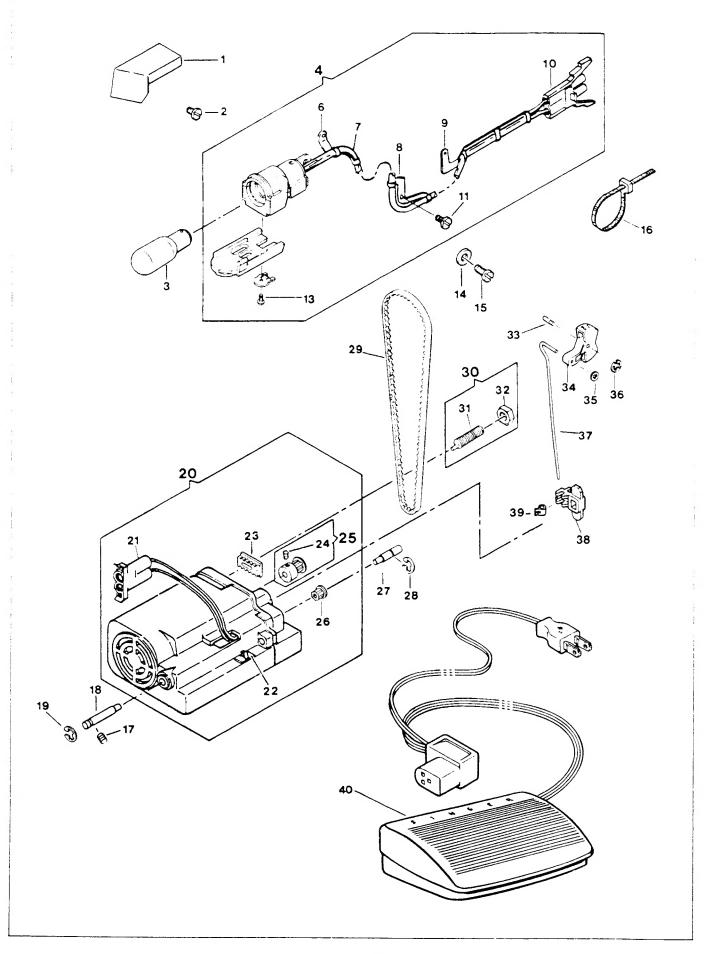


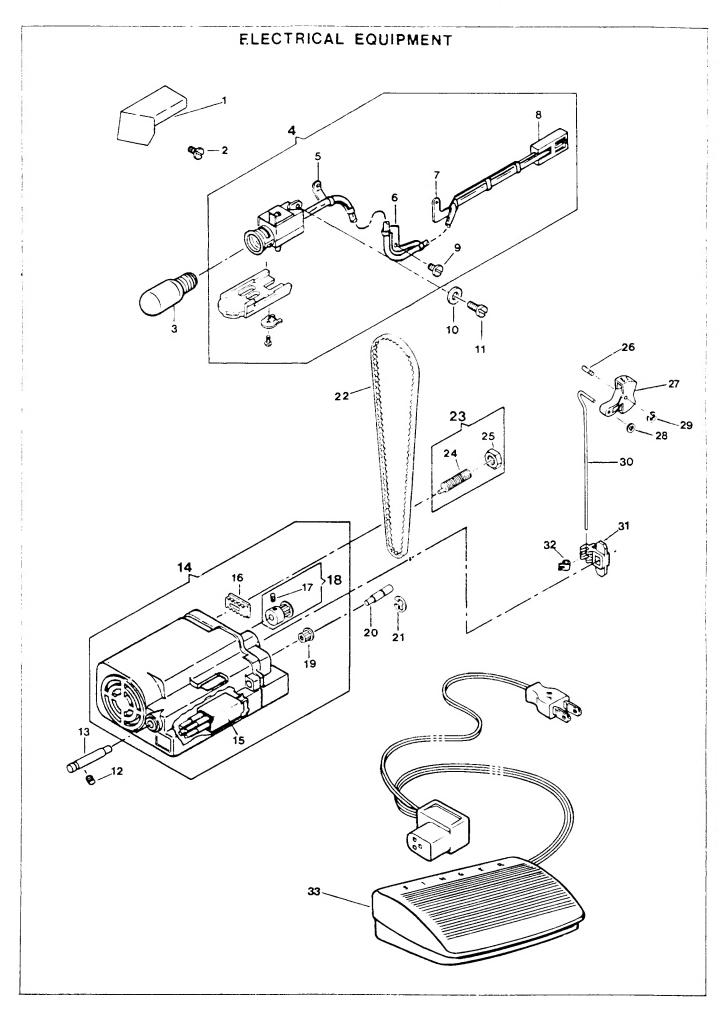


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REF.	PART # ELECTRICAL EQUIPMENT					N	
1	!542657 Light Shield			_	ΙX		<u> </u>
2	!549357 Light Shield Screw				ΙX		
3	542656-002 Lamp (200, 240 V.)	T	_		ΙX	_	-
	542656-003 Lamp (220 V.)	1 X			l X		$\dot{ au}$
	542656-004 Lamp (230, 240 V.)	_		_	ΙX		一
	542656-005 Lamp (110 V.)		_			l XI	χİ
4		ΙX		_		Ť	$\ddot{\top}$
	542768-001 Socket with Cord and Bracket and Hinge Screw Complete	1	<u>. </u>			一	一
	l (220, 230, 240 V.)	<u></u>		X	ΙXΙ	1	一
5	605206-006 Socket with Cord and Bracket Complete	1 X	_	_		1	十
6	542661 Light Cord Harness Bracket (upper)			_	X	Ī	$\overline{}$
7	542662 Light Cord Harness Bracket (intermediate)			_	X		
8	542663 Light Cord Harness Bracket (bottom)	_			X		;
10	549301 Light Cord Harness Bracket Screw	ΙX	_	_			;
11	988351-001 Light Lens	ΙX				_	亡
12	618702-002 Light Lens Screw	X	_			Ť	$\dot{\overline{}}$
	544121 Light Lens Screw	i		_	X	Ť	十
13	511390 Light Mounting Bracket Friction Washer	X					十
	42436 Light Mounting Bracket Friction Washer				X		十
14	514743-451 Light Mounting Bracket Friction Hinge Screw	X	_	_			Ť
	544190 Light Mounting Bracket Hinge Screw	$\overline{}$	_	X	X	Ť	Ť
15	544118 Matar Hinge Pin (left) Set Screw	X	ΧI			Ť	Ť
16	422190 Motor Hinge Pin (left)	١x	ΧI			T	$\overline{}$
17	511213 Motor Hinge Pin (left) Retaining Ring	X	ΧI	7		\exists	7
19	988349-001 Mator, Motor Adjusting Block and Mator Hinge Pin Bushing		-			\top	1
	Complete (220 V.)	X	ΧI	-			$\overline{}$
20	422191 Motor Hinge Pin (right)	l X	Χļ			T	
21		X	ΧI	-		T	T
22	604431-002 Matar Belt Pulley Assembly	X	ΧI	Ī		ī	Ī
23	541157 Motor Adjusting Stud Eccentric Nut	X	X	Ī		T	1
	544122 Motor Adjusting Stud (eccentric)	X	ΧI		Ī	Τ	Ţ
25	408460 Motor Adjusting Stud Eccentric Complete	X	- 4	-		-	Ī
26	408459 Motor Belt	X	ΧI			1	$\overline{\perp}$
27_	422189-451 Light Switch Actuating Lever Rocker Button with						I
	Actuating Lever Rod and Actuating Bracket	X	ΧĮ				工
2B	98B182 Light Switch Actuating Lever Rocker Button	X	ΧI			Ī	Ī
29		X	ΧI			X)	ΧÌ
30		X	X]		Ī	X)	Χĺ
31		X	X		<u> </u>	X >	ΧI
32		X	ΧI			X >	Κ
33	507343 Light Switch Actuating Lever Rocker Button Hinge Pin		-			1	1
7.6	Ring	X	ΧI			X >	K I
34	9BB275-001 Controller Complete (220 V.)	X	ΧI			1	1

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REF	. PART # ELECTRICAL EQUIPMENT	IGIGIUIUININI
1	542657 Light Shield	$ \cdot \cdot \times \times \times \times $
2	549357 Light Shield Screw	
3	542656-005 Lamp (110 V.)	[
4	411510-001 Socket with Cord and Bracket and Hinge Screw Complete	
	(120 v., U.S.)	
	!411510-002 Socket with Cord and Bracket and Hinge Screw Complete	111111
	(120 V., Canada)	X X
6	542661 Light Cord Harness Bracket (upper)	
7	411509-001 Light Cord Complete	
	411059-001 Light Cord Complete	
8		
9		
10	618514 Pin Terminal (2)	
11		
13	544121 Light Lens Screw	
14	42436 Light Mounting Bracket Friction Washer	
15	544190 Light Mounting Bracket Hinge Screw	
16	540899 Light Cord Retainer	
17		
18	422190 Motor Hinge Pin (left)	1 1
	542653 Motor Hinge Pin (left)	
19	511213 Motor Hinge Pin (left) Retaining Ring	1
20	411511-002 Motor, Motor Adjusting Block and Motor Hinge Pin Bushing	
	Complete (120 V, U.S., Canada)	I I IXIXIXIXI
21	618492 Motor Connection Plug	1
22	411559 Motor Cord Retainer	1
23	604723-001 Motor Adjusting Block	
	604228-001 Motor Adjusting Block	
24	549293 Motor Belt Pulley Set Screw	
25	542650 Motor Belt Pulley Complete	
26	604229-001 Motor Hinge Pin Bushing (2)	1
27	542654 Motor Hinge Pin (right)	
28		
29	408459 Motor Belt	
30	408460 Motor Adjusting Stud Eccentric Complete	1
31	544122 Motor Adjusting Stud (eccentric)	
32	541157 Motor Adjusting Stud Eccentric Nut	
33	542659 Rocker Button Pin	
34	542658-454 Light Switch Actuating Lever Rocker Button	
35	404454 Light Switch Actuating Lever Rod Ring	
36		1 1 1 1 1 1
	Ring	
37	542718 Light Switch Actuating Lever Rod	
38	542888 Light Switch Actuating Bracket	
	1502479 Light Switch Actuating Bracket	
39		
40	411512-DO2 Controller Complete (120 V., U.S., Cenade)	

ELECTRICAL EQUIPMENT





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			1015151115111
REF.	PART #	ELECTRICAL EQUIPMENT	IGIGIUIUININI
1	542657	Light Shield	
2	1549357	Light Shield Screw	
3	1549887	Lamp (110 V.)	
4	542969-001	Socket with Cord and Bracket and Hinge Screw Complete	
-	1	(110 V.)	
5	1542661	Light Cord Harness Bracket (upper)	
6	1542662	Light Cord Harness Bracket (intermediate)	
7	1542663	Light Cord Harness Bracket (bottom)	
8		Pin Terminal	
9	1549301	Light Cord Harness Bracket Screw	1
10	142436	Light Mounting Bracket Friction Washer	1
11	544190	Light Mounting Bracket Hinge Screw	
12	544118	Motor Hinge Pin (left) Set Screw	
13		Mator Hinge Pin (left)	
14		Motor, Motor Adjusting Block and Motor Hinge Pin Bushing	
	1.42214-001	Complete (110 V.)	
	5/26/18, 020	Motor, Motor Adjusting Block and Motor Hinge Pin Bushing	
	1		
	15/12//19 030	Complete (110 V.)	
	1 742646-070	Motor, Motor Adjusting Block and Motor Hinge Pin Bushing	
	15/2//00 0//0	Complete (200 V.)	
		Motor, Motor Adjusting Block and Motor Hinge Pin Bushing	
<u> </u>	-`	Camalete (220 V.)	
	1 342648-060	Motor, Mator Adjusting Block and Motor Hinge Pin Busning	
15	1 (0/// 00 007	Complete (240 V., 230 V.)	
15		Matar Connection Plua	
16		Motor Adjusting Block	
17		Motor Belt Pulley Set Screw	
18		Mator Belt Pulley Complete	1 X X
19		Motor Hinge Pin Bushing (2)	X X
		Motor Hinge Pin (right)	
21	408274	Motor Hinge Pin (right) Retaining Ring	
		Motar Belt	<u> </u>
23	1408460	Motor Adjusting Stud Eccentric Complete	
24	544122	Motor Adjusting Stud (eccentric)	
25	541157	Motor Adjusting Stud Eccentric Nut	
26	1542659	Rocker Button Pin	
27		Light Switch Actuating Lever Rocker Button	
		Light' Switch Actuating Lever Rocker Button	x x
28	404454	Light Switch Actuating Lever Rod Ring	
29	408030	Light Switch Actuating Lever Rocker Button Hinge Pin	
70	1540740	Ring	
30	1542718	Light Switch Actuating Lever Rod	
	1502479	Light Switch Actuating Bracket	
	1-	Light Switch Actuating Bracket	
70		Light Switch Actuating Bracket	
32		Light Switch Actuating Bracket Spring Clip	<u> </u>
33		Controller Complete (110 V.)	
		Controller Complete (110 V.)	
		Controller Complete (110 V.)	
		Controller Complete (230 V., 220V., 240 V.)	
		Controller Complete (200, 240 V.)	
		Controller Complete (220 V.)	
	1240074-043	Controller Complete (220, 240 V.)	

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